

Pete Panepinto
Mayor

RESOLUTION NO. 18-0925-1

The Hammond City Council has approved resolution No. 18-0925-1 to accept the Municipal Water Pollution Prevention Annual Report for the South Wastewater Treatment Plant as required by Louisiana Department of Environmental Quality and specified in the City of Hammond discharge permit.

Extract of the minutes of 18-0925-1

A resolution to accept the Municipal Water Pollution Prevention Annual Report for the South Wastewater Treatment Plant as required by Louisiana Department of Environmental Quality and specified in the City of Hammond discharge permit. Wendy Montalbano, Supervisor of Environmental lab stated she has completed the report and it's an annual report.

There was a motion by Councilman Jason Hood and second by Councilwoman Janice Carter Beard to accept the Municipal Water Pollution Prevention Annual Report for the South Wastewater Treatment Plant as required by Louisiana Department of Environmental Quality and specified in the City of Hammond discharge permit.

Vote: Johnny Blount (Y), Jason Hood (Y), Janice Carter Beard (Y), Lemar Marshall (Y), Mike Williams (Y). **Motion Approved 5-0**

Tonia Banks
Hammond City Council Clerk

President, Johnny Blount
Hammond City Council

RECEIVED

OCT 16 2018

LDEQ/OEC
ENFORCEMENT DIVISION



**HAMMOND CITY COUNCIL
AGENDA
REGULAR SESSION
312 EAST CHARLES STREET
HAMMOND, LOUISIANA
September 25, 2018
6:00pm Immediately following Public Hearing.**

I. CALL TO ORDER:

II. ROLL CALL: Johnny Blount (), Jason Hood (), Janice Carter Beard (), Lemar Marshall (), Mike Williams ()

III. PRAYER:

IV. PLEDGE OF ALLEGIANCE: All veterans and active military, please render the proper salute.

V. REPORTS:

1. Council:

2. Mayor:

3. Recognition of New Businesses:

VI. Minutes of September 11, 2018:

VII. RESOLUTIONS

A. OLD BUSINESS: NONE

B. NEW BUSINESS:

1. A resolution to accept the Municipal Water Pollution Prevention Annual Report for the South Wastewater Treatment Plant as required by Louisiana Department of Environmental Quality and specified in the City of Hammond discharge permit. (Guy Palermo)

VIII. FINAL ADOPTION OF ORDINANCE:

1. Final adoption of an ordinance to approve Expanded Conditional Use request by Latrica Anderson to place a 2011 28' x 60' Manufactured home meeting all code requirements on Lot A of the Valenti Subdivision in accordance with survey by Wm. J. Bodin Jr. dated 6/18/2018 (recommend approval by Zoning Commission) Z-2018-07-00051 with the following conditions:

A.) The mobile home must meet all requirements for placement of a mobile home and must be constructed to meet the latest HUD standards; and

B.) The approval shall be with the understanding that such use is a personal right that expires upon a change in occupancy and ownership by Latrica Anderson (Tracie Schillace)

2. Final adoption of an Ordinance to amend the City of Hammond budget for Fiscal Year 2018- 2019 to transfer \$46,000 from the Water & Sewer Fund balance (Fund 610) to Water & Sewer Administration – Fixed Assets (61036100 – 570000) to upgrade water meter reading software and equipment. (Marcus McMillian)

IX. INTRODUCTION OF ORDINANCE AND SET OF PUBLIC HEARING:

1. Introduction of an ordinance to Amend Chapter 28 regarding regulatory street signs. (Councilman Jason Hood)

IX. ADJOURN:

I, COUNCIL CLERK, TONIA BANKS, OF THE HAMMOND CITY COUNCIL, DO HEREBY CERTIFY THAT THE ABOVE AND FOREGOING WAS POSTED AT THE COUNCIL'S OFFICE AT 312 EAST CHARLES STREET, HAMMOND, LOUISIANA, IN ACCORDANCE WITH LA R.S. 42:19, ON OR BEFORE THE 24th Day Of SEPTEMBER 2018 at 4:00pm.

RULES FOR PUBLIC PARTICIPATION

In the interest of fairness and time, the following guidelines are established, relative to public participation and discussion of any agenda item.

- 1. All persons desiring to speak on a specific agenda item will request the attention of the presiding officer at the time the item is being considered.**
- 2. After recognitions the participant is requested to give his/her name and address and duly noted in the minutes.**
- 3. All questions and comments are to be address to the presiding officer only.**
- 4. There shall be no indulging in personalities and the participant must adhere to the item at hand, and the rules of decorum of the council.**
- 5. When a council member, citizen, elected or appointed public official refuses to adhere to these procedural policies, and the behavior interferes with or disrupts the normal order of business, the presiding officer may eject or request the removal of the disruptive or obstructive party or parties. The presiding officer shall prior to the discussion of a particular item, allow time for the discussion of that item. The Council Clerk shall be the official timekeeper of the Council and shall interrupt discussion to advise the Council that time has expired. Discussion shall cease, and the matter shall then be voted upon forthwith. When called upon for a vote, each council member present shall respond "yes," "no" or "abstain." A failure to answer shall be recorded as "abstain."**



**HAMMOND CITY COUNCIL
PUBLIC HEARING
AGENDA
312 EAST CHARLES STREET
HAMMOND, LOUISIANA
September 25, 2018
5:30pm**

I. CALL TO ORDER:

II. ROLL CALL: Johnny Blount (), Jason Hood (), Janice Carter Beard (), Lemar Marshall (), Mike Williams ()

III. PUBLIC HEARING:

1. An ordinance to approve Expanded Conditional Use request by Latrica Anderson to place a 2011 28' x 60' Manufactured home meeting all code requirements on Lot A of the Valenti Subdivision in accordance with survey by Wm. J. Bodin Jr. dated 6/18/2018 (recommend approval by Zoning Commission) Z-2018-07-00051 with the following conditions:

- 1) The mobile home must meet all requirements for placement of a mobile home and must be constructed to meet the latest HUD standards; and**
- 2) The approval shall be with the understanding that such use is a personal right that expires upon a change in occupancy and ownership by Latrica Anderson (Tracie Schillace)**

**2. An ordinance to amend the City of Hammond budget for Fiscal Year 2018- 2019 to transfer \$46,000 from the Water & Sewer Fund balance (Fund 610) to Water & Sewer Administration – Fixed Assets (61036100 – 570000) to upgrade water meter reading software and equipment.
(Marcus McMillian)**

LOUISIANA
MUNICIPAL WATER
POLLUTION PREVENTION
MWPP



Facility Name:	City Of Hammond/South Slough Wetland Wastewater Assimilation Project
LPDES Permit Number:	LA0032328
Agency Interest (AI) Number:	19578
Address:	Physical Address: 1801 Natchez St.
	Mailing Address: P.O Box 2788
	Hammond, La 70404
Parish:	Tangipahoa
(Person Completing Form) Name:	Guy Palermo
Title:	Superintendent of Water and Wastewater
Date Completed:	August 27, 2018

INSTRUCTIONS

1. Complete only the sections of the Environmental Audit which apply to your wastewater treatment system. Leave sections that do not apply blank and enter a "0" for the point value.
2. Parts 1 through 7 contain questions for which points may be generated. These points are intended to communicate to the department and the governing body or owner what actions will be necessary to prevent effluent violations. Place the point totals from parts 1 through 7 on the Point Calculation page.
3. Add up the point totals.
4. Submit the Environmental Audit to the governing body or owner for review and approval.
5. The governing body must pass a resolution which contains the following items:
 - a. The resolution or letter must acknowledge the governing body or owner has reviewed the Environmental Audit.
 - b. This resolution must indicate specific actions, if any, will be taken to maintain compliance and prevent effluent violations. Proposed actions should address the parts where maximum or close to maximum points were generated in the Environmental Audit.
 - c. The resolution should provide any other information the governing body deems appropriate.

Permit #:

0 LA 0032328

PART I. INFLUENT FLOW/LOADINGS (all plants)

- A. List the average monthly volumetric flows and BOD loadings received at your facility during the last reporting year.

Column 1 Average Monthly Flow (million gallons per day, MGD)		Column 2 Average Monthly BOD5 Concentration (mg/l)		Column 3 Average Monthly BOD5 Loading (pounds per day, lb/day)
7.0	x	97.2	x 8.34 =	5674.5
3.4	x	182.4	x 8.34 =	5172.1
10.5	x	169.6	x 8.34 =	14851.8
11.0	x	193.6	x 8.34 =	17760.9
9.4	x	170.9	x 8.34 =	13397.9
8.7	x	166.0	x 8.34 =	12044.6
12.1	x	97.2	x 8.34 =	9808.8
9.2	x	142.1	x 8.34 =	8002.7
14.5	x	104.3	x 8.34 =	18526.4
2.6	x	153.2	x 8.34 =	3163.7
5.5	x	145.9	x 8.34 =	6692.4
4.3	x	127.9	x 8.34 =	4575.9

BOD loading = Average Monthly Flow (in MGD) x Average Monthly BOD concentration (in mg/l) x 8.34

- B. List the design flow and design BOD loading for your facility in the blanks below. If you are not aware of these design quantities, refer to your Operation and Maintenance (O&M) Manual or contact your consulting engineer.

Design Flow, MGD:

6.0

x 0.90 =

5.4

Design BOD, lb/day:

9608

x 0.90 =

8647

Permit #:

0 LA 0032328

- C. How many months did the monthly flow (Column 1) to the wastewater treatment facility (WWTF) exceed 90% of design flow? Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12
points	0	0	0	0	0	5	5	5	5	5	5	5	5

Write 0 or 5 in the C point total box C Point Total

- D. How many months did the monthly flow (Column 1) to the WWTF exceed the design flow? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12
points	0	5	5	10	10	15	15	15	15	15	15	15	15

Write 0, 5, 10 or 15 in the D point total box D Point Total

- E. How many months did the monthly BOD loading (Column 3) to the WWTF exceed 90% of the design loading? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12
points	0	0	5	5	5	10	10	10	10	10	10	10	10

Write 0, 5, or 10 in the E point total box E Point Total

- F. How many months did the monthly BOD loading (Column 3) to the WWTF exceed the design loading? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12
points	0	10	20	30	40	50	50	50	50	50	50	50	50

Write 0, 10, 20, 30, 40 or 50 in the F point total box F Point Total

- G. Add together each point total for C through F and place this sum in the box below at the right.

TOTAL POINT VALUE FOR PART 1: (max = 80)

Also enter this value or 80, whichever is less, on the point calculation table on page 16.

Permit #:

0 LA 0032328

PART 2. EFFLUENT QUALITY / PLANT PERFORMANCE

- A. List the monthly average effluent BOD and TSS concentrations produced by your facility during the last reporting year.

Month	Column 1 Average Monthly BOD (mg/l)	Column 2 Average Monthly TSS (mg/l)
August 2017	20.1	19.6
September 2017	34.6	26.1
October 2017	37.8	37.3
November 2017	28.2	29.5
December 2017	38.8	37.2
January 2018	37	44.4
February 2018	33	32
March 2018	34.9	30.7
April 2018	44.2	27.6
May 2018	36.8	47.6
June 2018	34.1	40.2
July 2018	22.1	27.9

- B. List the monthly average permit limits for your facility in the blanks below.

	Permit Limit		90% of Permit Limit
BOD, mg/l	30	$\times 0.90 =$	27
TSS, mg/l	90	$\times 0.90 =$	81

Permit #:

0 LA 0032328

C. Continuous Discharge to Surface Water.

- i. How many months did the effluent BOD (Column 1) exceed 90% of the permit limits? Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

<i>months</i>	0	1	2	3	4	5	6	7	8	9	10	11	12
<i>points</i>	0	0	10	20	30	40	40	40	40	40	40	40	40

Write 0, 10, 20, 30 or 40 in the i point total box 40 i Point Total

- ii. How many months did the effluent BOD (Column 1) exceed permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

<i>months</i>	0	1	2	3	4	5	6	7	8	9	10	11	12
<i>points</i>	0	5	5	10	10	10	10	10	10	10	10	10	10

Write 0, 5, or 10 in the ii point total box 10 ii Point Total

- iii. How many months did the effluent TSS (Column 2) exceed 90% of the permit limits? Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

<i>months</i>	0	1	2	3	4	5	6	7	8	9	10	11	12
<i>points</i>	0	0	10	20	30	40	40	40	40	40	40	40	40

Write 0, 10, 20, 30 or 40 in the iii point total box 0 iii Point Total

- iv. How many months did the effluent TSS (Column 2) exceed permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

<i>months</i>	0	1	2	3	4	5	6	7	8	9	10	11	12
<i>points</i>	0	5	5	10	10	10	10	10	10	10	10	10	10

Write 0, 5, or 10 in the iv point total box 0 iv Point Total

- v. Add together each point total for i through iv and place this sum in the box below at the right.

TOTAL POINT VALUE FOR PART 2: 50 (max = 100)

Also enter this value or 100, whichever is less, on the point calculation table on page 16.

Permit #:

0 LA 0032328

D. Other Monitoring and Limitations

- i. At any time in the past year was there an exceedance of a permit limit for other pollutants such as: ammonia-nitrogen, phosphorus, pH, total residual chlorine, or fecal coliform?

✓ Check one box.



Yes



No

If Yes, Please describe:

May 2018, Failure to collect/ analyze zinc and copper. A Discrepancy in the Chain of Custody form to contract lab caused samples to go unanalyzed. Tracking system has been put in place to prevent future mistakes.

Non Compliance Report Attached

- ii. At any time in the past year was there a "failure" of a Biomonitoring (Whole Effluent Toxicity) test of the effluent?

✓ Check one box.



Yes



No

If Yes, Please describe:

Whole Effluent Toxicity- Biannual January- June 2018
Pimephales promelas failed. No action is required, second biannual sampling will take place in third quarter 2018. Analysis report available upon request.

- iii. At any time in the past year was there an exceedance of a permit limit for a toxic substance?

✓ Check one box.



Yes



No

If Yes, Please describe:

On March 13, 2018 an illegal discharge was observed in the treatment plant. Hazmat and LDEQ were notified immediately and action was taken to remedy the situation. Samples were collected and analyzed by the contract lab. The report is attached.

Permit #:

0 LA 0032328

PART 3 AGE OF THE WASTEWATER TREATMENT FACILITY

- A. What year was the wastewater treatment facility constructed or last major expansion/improvements completed?

2006

<i>Current Year</i>	-	<i>Answer to A</i>	=	<i>Age in years</i>
2018		2006		12

Enter Age in Part C below.

- B. ☒ Check the type of treatment facility that is employed.

FACTOR:

<input type="checkbox"/>	Mechanical Treatment Plant (trickling filter, activated sludge, etc...) Specify Type: _____	2.5
<input checked="" type="checkbox"/>	Aerated Lagoon	2.0
<input type="checkbox"/>	Stabilization Pond	1.5
<input type="checkbox"/>	Other Specify Type: _____	1.0

- C. Multiply the factor listed next to the type of facility your community employs by the age of your facility to determine the total point value for Part 3.

TOTAL POINT VALUE FOR PART 3 =

$$\frac{2.0}{\text{Factor}} \times \frac{12}{\text{Age}} = \boxed{24} \text{ (max = 50)}$$

Also enter this value or 50, whichever is less, on the point calculation table on page 16.

- D. Please attach a schematic of the treatment plant.

Permit #:

0 LA0032328

PART 4 OVERFLOWS AND BYPASSES

A.

- i. List the number of times in the last year there was an overflow, bypass or unpermitted discharge of untreated or incompletely treated wastewater due to heavy rain:

_____ √ Check one box. ☒ 0 = 0 points ☐ 3 = 15 points
☐ 1 = 5 points ☐ 4 = 30 points
☐ 2 = 10 points ☐ 5 or more = 50 points

- ii. List the number of bypasses, overflows or unpermitted discharges shown in A (i) that were within the collection system and the number at the treatment plant

Collection System: 0 Treatment Plant: 0

B.

- i. List the number of times in the last year there was an overflow, bypass or unpermitted discharge of untreated or incompletely treated wastewater due to equipment failure, either at the treatment plant or due to pumping problems in the collection system:

_____ √ Check one box. ☒ 0 = 0 points ☐ 3 = 15 points
☐ 1 = 5 points ☐ 4 = 30 points
☐ 2 = 10 points ☐ 5 or more = 50 points

- ii. List the number of bypasses, overflows or unpermitted discharges shown in B (i) that were within the collection system and the number at the treatment plant

Collection System: 0 Treatment Plant: 0

- C. Specify whether the bypasses came from the city/village/town sewer system or from contract or tributary communities/sanitary districts, etc...

- D. Add the point values checked for A and B and place the total in the box below.

TOTAL POINT VALUE FOR PART 4: 0 (max = 100)

Also enter this value or 100, whichever is less, on the point calculation table on page 16.

- E. List the person responsible (name and title) for reporting overflows, bypasses or unpermitted discharges to State and Federal authorities:

Guy Palermo, Water and Wastewater Superintendent

Describe the procedure for gathering, compiling and reporting:

Information is recorded daily on excel spreadsheet. Information is then combined into a combined to complete monthly reports which are sent to administration and LDEQ.

Permit #:

0 LA0032328

PART 5. SEWAGE SLUDGE STORAGE, USE, AND DISPOSAL**A. Sewage Sludge Storage**

How many months of sewage sludge storage capacity does your facility have available, either on-site or off-site?

Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

<i>months</i>	<2	2	3	4-5	6
<i>points</i>	50	30	20	10	0

Write 0, 10, 20, 30 or 50 in the A point total box A Point Total

B. For how many months does your facility have approval to use or dispose of sewage sludge at a properly permitted landfill, land application site, or sewage sludge incinerator?

Circle the number of months and the corresponding point total. Write the point total in the box below at the right.

<i>months</i>	<6	6-11	12-23	24-35	>36
<i>points</i>	50	30	20	10	0

Write 0, 10, 20, 30 or 50 in the B point total box B Point Total

C. Add together the A and B point values and place the sum in the box below at the right:

TOTAL POINT VALUE FOR PART 5: (max = 100)

Also enter this value or 100, whichever is less, on the point calculation table on page 16.

Permit #:

0 LA0032328

PART 6: NEW DEVELOPMENT

- A. Please provide the following information for the total of all sewer line extensions which were installed during the last year.

Design Population: 29,200
Design Flow: 7.33 MGD
Design BOD: 300.00 mg/l

- B. Has an industry (or other development) moved into the community or expanded production in the past year, such that either flow or pollutant loadings to the sewerage system were significantly increased (5% or greater)?

✓ Check one box. ☐ Yes = 15 points ☒ No = 0 points

If Yes, Please describe:

List any new pollutants:

- C. Is there any development (industrial, commercial or residential) anticipated in the next 2-3 years, such that either flow or pollutant loadings to the sewerage system could significantly increase?

✓ Check one box. ☐ Yes = 15 points ☒ No = 0 points

If Yes, Please describe:

List any new pollutants you anticipate:

- D. Add together the point value checked in B and C and place the sum in the box below.

TOTAL POINT VALUE FOR PART 6:

0

(max = 30)

Also enter this value or 30, whichever is less, on the point calculation table on page 16.

Permit #:

0 LA0032328

PART 7 OPERATOR CERTIFICATION AND EDUCATION

- A. What was the name of the operator-in-charge for the reporting year?

Name: Vernon Banks

- B. What is his or her certification number:

Cert.#: 16-335

- C. What level of certification is the operator-in-charge required to have to operate the wastewater treatment facility?

Level Required: Class 4

- D. What is the level of certification of the operator-in-charge?

Level Certified: Class 4

- E. Was the operator-in-charge of the report year certified at least at the grade level required in order to operate this plant?

✓ Check one box.



Yes = 0 points



No = 50 points

Write 0 or 50 in the E point total box

0

E Point Total

- F. Has the operator-in-charge maintained recertification requirements during the reporting year?

✓ Check one box.



Yes



No

- G. How many hours of continuing education has the operator-in-charge completed over the last two calendar years?

✓ Check one box.



> 12 hours = 0 points



< 12 hours = 50 points

Write 0 or 50 in the G point total box

0

G Point Total

- H. Is there a written policy regarding continuing education an training for wastewater treatment plant employees?

✓ Check one box.



Yes



No

Explain: All operators must become certified to level required within reasonable time frame. City pays for all operator training and educational hours

- I. What percentage of the continuing education expenses of the operator-in-charge were paid for:

By the permittee? 100%

By the operator? 0%

- J. Add together the E and G point values and place the sum in the box below at the right.

TOTAL POINT VALUE FOR PART 7:

0

(max = 100)

Also enter this value or 100, whichever is less, on the point calculation table on page 16.

Permit #:

0LA0032328

PART 8: FINANCIAL STATUS

- A. Are User-Charge Revenues sufficient to cover operation and maintenance expenses?

✓ Check one box.



Yes



No

If No, How are O&M costs financed?

- B. What financial resources do you have available to pay for your wastewater improvements and reconstruction needs?

In addition to Sewer connection and treatment fees, the city Enterprise Fund and Sales Tax Fund are available construction bonds.

PART 9: SUBJECTIVE EVALUATION**A. Collection System Maintenance**

- i. Describe what sewer system maintenance work has been done in the last year.

Additional aeration is being added to improve process in lagoon .

- ii. Describe what lift station work has been done in the last year.

Improvements to the collection line by adding new lift station at site #7 and #26. Continuous repairs and maintenance of infrastructure is done as needed.

- iii. What collection system improvements does the community have under construction for the next 5 years?

Inflow and infiltration on the collection system in on going in addition to other system improvements which have been planned. The city has applied for a Revolving Loan Fund. Attached is planned improvements submitted to LDEQ.

B. If you have ponds please answer the following questions:

✓ Check one box.

- | | | |
|---|---|--|
| i. Do you have duckweed buildup in the ponds? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| ii. Do you mow the dikes regularly (at least monthly), to the waters edge? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| iii. Do you have bushes or trees growing on the dikes or in the ponds? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| iv. Do you have excess sludge buildup (> 1foot) on the bottom of any of your ponds? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| v. Do you exercise all of your valves? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| vi. Are your control manholes in good structural shape? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| vii. Do you maintain at least 3 feet of freeboard in all of your ponds? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| viii. Do you visit your pond system at least weekly? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

Permit #:

0LA0032328

C. Treatment Plants

- i. Have the influent and effluent flow meters been calibrated in the last year?

☒ Yes ☐ No (✓ Check one box.)

June 27, 2018

Influent flow meter calibration date(s)

Effluent flow meter calibration date(s)

- ii. What problems, if any, have been experienced over the last year that have threatened treatment?

Insufficient Aeration, short- circuiting of influent to effluent discharged due to high flow. High Ammonia with little reduction in concentration of effluent.

- iii. Is your community presently involved in formal planning for treatment facility upgrade?

✓ Check one box.

☐ Yes

☒ No

If Yes, Please describe:

Permit #:

0 LA0032328

D. Preventive Maintenance

- i. Does your plant have a written plan for preventive maintenance on major equipment items?

✓ Check one box.



Yes



No

If Yes, Please describe:

Standard Operational Procedures

- ii. Does this preventive maintenance program depict frequency of intervals, types of lubrication and other preventive maintenance tasks necessary for each piece of equipment?



Yes



No

- iii. Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assured properly?



Yes



No

E. Sewer Use Ordinance

- i. Does your community have a sewer use ordinance that limits or prohibits the discharge of excessive conventional pollutants (BOD, TSS or pH) or toxic substances to the sewer system from industries, commercial users and residences?

✓ Check one box.



Yes



No

If Yes, Please describe:

Ordinance is posted for public viewing available on the City of Hammond Website. Copy is attached.

- ii. Has it been necessary to enforce?

✓ Check one box.



Yes



No

If Yes, Please describe:

Dean Foods, Dairy Processing Plant

- iii. Any additional comments about your treatment plant or collection system? (Attach additional sheets if necessary.)

Permit #:

0 LA0032328

POINT CALCULATION TABLE

	Actual Values	Maximum
Part 1: <i>Influent Flow/Loadings</i>	80	80 points
Part 2: <i>Effluent Quality / Plant Performance</i>	50	100 points
Part 3: <i>Age of WWTF</i>	24	50 points
Part 4: <i>Overflows and Bypasses</i>	0	100 points
Part 5: <i>Ultimate Disposition of Sludge</i>	0	100 points
Part 6: <i>New Development</i>	0	30 points
Part 7: <i>Operator Certification Training</i>	0	100 points

TOTAL POINTS:

154

ATTACHMENT 3

SAMPLE MWPP RESOLUTION

Resolved that the village/town/city of Hammond, La informs the
Louisiana Department of Environmental Quality that the following actions were taken by
Hammond City Council (governing body).

1. Resolved the Municipal Water Pollution Prevention Environmental Audit Report which is attached to this resolution.
2. Set forth the following actions necessary to maintain permit requirements contained in the Louisiana Pollution Discharge Elimination System (LPDES) permit, number LA 0032328.

(Please be specific in listing the actions that will be taken to address the problems identified in the audit report.)

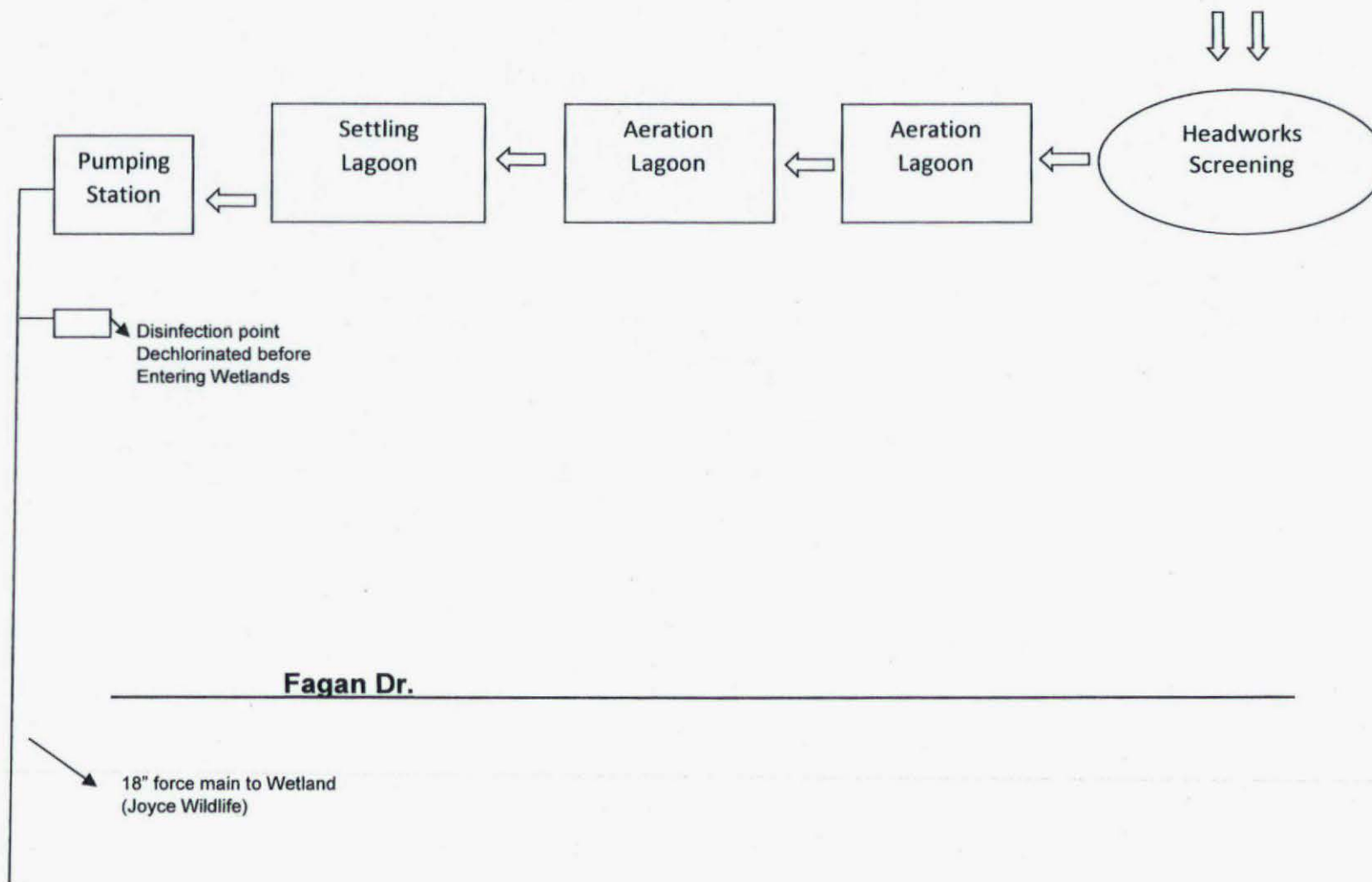
- a. Additional aeration being added to ponds
- b. System treatment improvements proposed awaiting Revolving Loan Fund approval.
- c.
- d.
- etc..

Passed by a majority/unanimous (circle one) vote of the _____
on _____ (date).

CLERK

TREATMENT PLANT SCHEMATIC

City of Hammond South Slough Wastewater Treatment Plant



LDEQ Incident Report



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

March 19, 2018

RE: Permit Number: LA0032328
Incident # 18-0001060
FDID#53005

On the morning of March 13, 2018 while conducting morning site inspection, the City of Hammond Wastewater Supervisor, Vernon Banks, notice that some sort of chemical had been released into the wastewater system. Immediately notified the Public Works Superintendent, Guy Palermo, who notified the local Hammond Fire Department to have the FD hazmat team assess the situation. The FD. hazmat specialist reported the incident to State Police as required by law. LDEQ was notified by phone that morning of the emergency at hand. LDEQ response investigator, Christian Flucke, arrived at the treatment plant facility at approximately 12:00pm to assess the situation.

The chemical was contained in the first cell of the treatment plant, mostly contained at the southeast side of the pond and appeared to sit on top of the influent of the cell. Samples were collected and sent to an EPA approved independent lab for analysis. We have not received those results as of yet. There was a strong chemical odor present and air quality equipment was also setup to monitoring the surrounding area.

Omi Environmental Solutions were called out to remove the substance from the pond and to dispose of it properly. Water quality and compliance samples continued to be taken to monitor any additional residual that may be left from the substance.

The treatment plant has not shown any residual damage from the chemical release. Operators were able to narrow down the area of possible contamination lift station 3 and 5. However this an area where several other trunk lines tie into therefore the actual location of the illegal dumping has not been determined. Omi did remove substance from station3 but was unable to get remove much from lift station 5.

Sincerely,

Guy Palermo
City of Hammond
Water and Sewer Superintendent.

A	FDID 53005	State LA	Incident Date MM DD YYYY 03 13 2018	Station 4	Incident Number 18-0001060	Exposure 000	<input type="checkbox"/> Delete <input type="checkbox"/> Change <input type="checkbox"/> No Activity	NFIRS -1 Basic
B	Location* <input type="checkbox"/> Check this box to indicate that the address for this incident is provided on the Wildland Fire Census Tract Module in Section B "Alternative Location Specification". Use only for Wildland fires.							
	<input checked="" type="checkbox"/> Street address 1801 NATCHEZ ST Number/Milepost Prefix Street or Highway Street Type Suffix <input type="checkbox"/> Intersection <input type="checkbox"/> In front of <input type="checkbox"/> Rear of <input type="checkbox"/> Adjacent to <input type="checkbox"/> Directions APT./Suite/Room City State Zip Code HAMMOND LA 70401 Cross street or directions, as applicable							
C	Incident Type * 413 Oil or other combustible liquid Incident Type							
D	Aid Given or Received * 1 <input type="checkbox"/> Mutual aid received 2 <input type="checkbox"/> Automatic aid recvd. 3 <input type="checkbox"/> Mutual aid given 4 <input type="checkbox"/> Automatic aid given 5 <input type="checkbox"/> Other aid given N <input checked="" type="checkbox"/> None Their FDID Their State Their Incident Number							
E1	Date & Times Midnight is 0000 Check boxes if dates are the same as Alarm ALARM always required Date Alarm 03 13 2018 11:05:55 ARRIVAL required, unless canceled or did not arrive <input checked="" type="checkbox"/> Arrival * 03 13 2018 11:06:11 CONTROLLED Optional, Except for wildland fires <input type="checkbox"/> Controlled LAST UNIT CLEARED, required except for wildland fires <input checked="" type="checkbox"/> Last Unit <input checked="" type="checkbox"/> Cleared 03 13 2018 14:01:28							
E2	Shift & Alarms Local Option 1 IN Shift or Alarms District Platoon							
E3	Special Studies Local Option Special Study ID# Special Study Value							
F	Actions Taken * 86 Investigate Primary Action Taken (1) 82 Notify other agencies. Additional Action Taken (2) Additional Action Taken (3)							
G1	Resources * <input checked="" type="checkbox"/> Check this box and skip this section if an Apparatus or Personnel form is used. Apparatus Personnel Suppression EMS Other 0002 0003 <input type="checkbox"/> Check box if resource counts include aid received resources.							
G2	Estimated Dollar Losses & Values LOSSES: Required for all fires if known. Optional for non fires. None Property \$ 000,000 Contents \$ 000,000 PRE-INCIDENT VALUE: Optional Property \$ 000,000 Contents \$ 000,000							
Completed Modules		H1 * Casualties		H3 Hazardous Materials Release		I Mixed Use Property		
<input type="checkbox"/> Fire-2 <input type="checkbox"/> Structure-3 <input type="checkbox"/> Civil Fire Cas.-4 <input type="checkbox"/> Fire Serv. Cas.-5 <input type="checkbox"/> EMS-6 <input checked="" type="checkbox"/> HazMat-7 <input type="checkbox"/> Wildland Fire-8 <input checked="" type="checkbox"/> Apparatus-9 <input checked="" type="checkbox"/> Personnel-10 <input type="checkbox"/> Arson-11		Deaths Injuries Fire Service Civilian H2 Detector Required for Confined Fires. 1 <input type="checkbox"/> Detector alerted occupants 2 <input type="checkbox"/> Detector did not alert them U <input type="checkbox"/> Unknown		N <input type="checkbox"/> None 1 <input type="checkbox"/> Natural Gas: slow leak, no evaluation or HazMat actions 2 <input type="checkbox"/> Propane gas: <21 lb. tank (as in home BBQ grill) 3 <input type="checkbox"/> Gasoline: vehicle fuel tank or portable container 4 <input type="checkbox"/> Kerosene: fuel burning equipment or portable storage 5 <input type="checkbox"/> Diesel fuel/fuel oil: vehicle fuel tank or portable 6 <input type="checkbox"/> Household solvents: home/office spill, cleanup only 7 <input type="checkbox"/> Motor oil: from engine or portable container 8 <input type="checkbox"/> Paint: from paint cans totaling < 55 gallons 0 <input checked="" type="checkbox"/> Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form		NN <input checked="" type="checkbox"/> Not Mixed 10 <input type="checkbox"/> Assembly use 20 <input type="checkbox"/> Education use 33 <input type="checkbox"/> Medical use 40 <input type="checkbox"/> Residential use 51 <input type="checkbox"/> Row of stores 53 <input type="checkbox"/> Enclosed mall 58 <input type="checkbox"/> Bus. & Residential 59 <input type="checkbox"/> Office use 60 <input type="checkbox"/> Industrial use 63 <input type="checkbox"/> Military use 65 <input type="checkbox"/> Farm use 00 <input type="checkbox"/> Other mixed use		
J Property Use* Structures		Outside						
131 <input type="checkbox"/> Church, place of worship 161 <input type="checkbox"/> Restaurant or cafeteria 162 <input type="checkbox"/> Bar/Tavern or nightclub 213 <input type="checkbox"/> Elementary school or kindergarten 215 <input type="checkbox"/> High school or junior high 241 <input type="checkbox"/> College, adult education 311 <input type="checkbox"/> Care facility for the aged 331 <input type="checkbox"/> Hospital		124 <input type="checkbox"/> Playground or park 655 <input type="checkbox"/> Crops or orchard 669 <input type="checkbox"/> Forest (timberland) 807 <input type="checkbox"/> Outdoor storage area 919 <input type="checkbox"/> Dump or sanitary landfill 931 <input type="checkbox"/> Open land or field		341 <input type="checkbox"/> Clinic, clinic type infirmary 342 <input type="checkbox"/> Doctor/dentist office 361 <input type="checkbox"/> Prison or jail, not juvenile 419 <input type="checkbox"/> 1-or 2-family dwelling 429 <input type="checkbox"/> Multi-family dwelling 439 <input type="checkbox"/> Rooming/boarded house 449 <input type="checkbox"/> Commercial hotel or motel 459 <input type="checkbox"/> Residential, board and care 464 <input type="checkbox"/> Dormitory/barracks 519 <input type="checkbox"/> Food and beverage sales 936 <input type="checkbox"/> Vacant lot 938 <input type="checkbox"/> Graded/care for plot of land 946 <input type="checkbox"/> Lake, river, stream 951 <input type="checkbox"/> Railroad right of way 960 <input type="checkbox"/> Other street 961 <input type="checkbox"/> Highway/divided highway 962 <input type="checkbox"/> Residential street/driveway		539 <input type="checkbox"/> Household goods, sales, repairs 579 <input type="checkbox"/> Motor vehicle/boat sales/repair 571 <input type="checkbox"/> Gas or service station 599 <input type="checkbox"/> Business office 615 <input type="checkbox"/> Electric generating plant 629 <input type="checkbox"/> Laboratory/science lab 700 <input type="checkbox"/> Manufacturing plant 819 <input type="checkbox"/> Livestock/poultry storage (barn) 882 <input type="checkbox"/> Non-residential parking garage 891 <input type="checkbox"/> Warehouse 981 <input type="checkbox"/> Construction site 984 <input type="checkbox"/> Industrial plant yard Lookup and enter a Property Use code only if you have NOT checked a Property Use box: Property Use 647 Water utility		

A FDID <u>53005</u> * State <u>LA</u> * Incident Date <u>3</u> <u>13</u> <u>2018</u> * Station <u>4</u> * Incident Number <u>18-0001060</u> * Exposure <u>000</u> * Haz No <u>1</u> * <input type="checkbox"/> Delete <input type="checkbox"/> Change		MM DD YYYY		NFIRS - 7	
				HazMat	
B HazMat ID <u>1299</u> UN Number DOT Hazard Classification <u>UU</u> CAS Registration Number <u>8006-64-2</u>		Chemical * <u>Oil of turpentine</u> Name			
C1 Container Type <u>32</u> Container Type <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> More hazardous Materials? Use additional sheets. </div>	C2 Estimated Container Capacity <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> Capacity: by volume or weight		D1 Estimated Amount Released <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> Amount released: by volume or weight		E1 Physical State When Released 1 <input type="checkbox"/> Solid 2 <input checked="" type="checkbox"/> Liquid 3 <input type="checkbox"/> Gas U <input type="checkbox"/> Undetermined
	C3 Units: Capacity VOLUME 11 <input type="checkbox"/> Ounces 12 <input type="checkbox"/> Gallons 13 <input type="checkbox"/> Barrels: 42 gal. 14 <input type="checkbox"/> Liters 15 <input type="checkbox"/> Cubic feet 16 <input type="checkbox"/> Cubic meters WEIGHT 21 <input type="checkbox"/> Ounces 22 <input type="checkbox"/> Pounds 23 <input type="checkbox"/> Grams 24 <input type="checkbox"/> Kilograms		D2 Units: Released VOLUME 11 <input type="checkbox"/> Ounces 12 <input checked="" type="checkbox"/> Gallons 13 <input type="checkbox"/> Barrels: 42 gal. 14 <input type="checkbox"/> Liters 15 <input type="checkbox"/> Cubic feet 16 <input type="checkbox"/> Cubic meters WEIGHT 21 <input type="checkbox"/> Ounces 22 <input type="checkbox"/> Pounds 23 <input type="checkbox"/> Grams 24 <input type="checkbox"/> Kilograms		E2 Released Into <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div> Released into
Complete the remainder of this form only for the first hazardous material involved in this incident.	F2 Population Density 1 <input type="checkbox"/> Urban 2 <input checked="" type="checkbox"/> Suburban 3 <input type="checkbox"/> Rural		G2 Area Evacuated <input type="checkbox"/> None 1 <input type="checkbox"/> Square Feet <div style="border: 1px solid black; width: 50px; height: 20px; display: inline-block;"></div> 2 <input type="checkbox"/> Blocks 3 <input type="checkbox"/> Square miles Enter Measurement		H HazMat Actions Taken Enter up to three actions taken <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Primary Action Taken (1) <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Additional Action Taken (2) <div style="border: 1px solid black; width: 100%; height: 20px;"></div> Additional Action Taken (3)
	F1 Released From: Check all applicable boxes <input type="checkbox"/> Below grade 1 <input type="checkbox"/> Inside/on structure <div style="border: 1px solid black; width: 50px; height: 20px; display: inline-block; margin-left: 10px;"></div> Story of Release 2 <input checked="" type="checkbox"/> Outside of structure		G3 Estimated Number of People Evacuated <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>		
G1 Area Affected 1 <input type="checkbox"/> Square Feet 2 <input type="checkbox"/> Blocks 3 <input type="checkbox"/> Square miles <div style="border: 1px solid black; width: 50px; height: 20px; display: inline-block; margin-left: 10px;"></div> Enter Measurement		G4 Estimated Number of Buildings Evacuated <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <input type="checkbox"/> None		I If fire or explosion is involved with a release, which occurred first? 1 <input type="checkbox"/> Ignition U <input type="checkbox"/> Undetermined 2 <input type="checkbox"/> Release	
J Cause Of Release * 1 <input type="checkbox"/> Intentional 2 <input type="checkbox"/> Unintentional release 3 <input type="checkbox"/> Container/containment failure 4 <input type="checkbox"/> Act of nature 5 <input type="checkbox"/> Cause under investigation U <input checked="" type="checkbox"/> Cause undetermined after investigation		K Factors Contributing to Release Enter up to three contributing factors <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Factor Contributing To Release (1) <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Factor Contributing To Release (2) <div style="border: 1px solid black; width: 100%; height: 20px;"></div> Factor Contributing To Release (3)		L Factors Affecting Mitigation Enter up to three factors or impediments that affected the mitigation of the incident <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Factor or impediment (1) <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Factor or impediment (2) <div style="border: 1px solid black; width: 100%; height: 20px;"></div> Factor or impediment (3)	
M Equipment Involved In Release <input type="checkbox"/> None <div style="border: 1px solid black; width: 100%; height: 20px; margin: 0 auto;"></div> Equipment involved in release Brand <div style="border: 1px solid black; width: 100%; height: 20px;"></div> Model <div style="border: 1px solid black; width: 100%; height: 20px;"></div> Serial Number <div style="border: 1px solid black; width: 100%; height: 20px;"></div> Year <div style="border: 1px solid black; width: 100%; height: 20px;"></div>		N Mobile Property Involved <input type="checkbox"/> None In Release <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Mobile property type <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Mobile property make <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Mobile property model Year <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> License Plate Number State <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> DOT Number/ IOC Number		O HazMat Disposition * 1 <input type="checkbox"/> Completed by fire service only 2 <input type="checkbox"/> Completed w/ fire service present 3 <input type="checkbox"/> Released to local agency 4 <input type="checkbox"/> Released to county agency 5 <input type="checkbox"/> Released to state agency 6 <input type="checkbox"/> Released to federal agency 7 <input checked="" type="checkbox"/> Released to a private agency 8 <input type="checkbox"/> Released to property owner or manager O HazMat Civilian Casualties Deaths <div style="border: 1px solid black; width: 50px; height: 20px; display: inline-block;"></div> Injuries <div style="border: 1px solid black; width: 50px; height: 20px; display: inline-block;"></div>	

K1 Person/Entity Involved

Local Option _____ Business name (if applicable) _____ Area Code _____ Phone Number _____

☐ Check This Box if same address as incident location. Then skip the three duplicate address lines.

City Of _____ Hammond

Mr., Ms., Mrs. First Name _____ MI _____ Last Name _____ Suffix _____

Number _____ Prefix _____ Street or Highway _____ Street Type _____ Suffix _____

Post Office Box _____ Apt./Suite/Room _____ City _____

LA 70403 - _____

State Zip Code

☐ More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

K2 Owner ☐ Same as person involved? Then check this box and skip The rest of this section.

Local Option _____ Business name (if Applicable) _____ Area Code _____ Phone Number _____

☐ Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr., Ms., Mrs. First Name _____ MI _____ Last Name _____ Suffix _____

Number _____ Prefix _____ Street or Highway _____ Street Type _____ Suffix _____

Post Office Box _____ Apt./Suite/Room _____ City _____

State Zip Code

L Remarks

Local Option

2002050070 03/13/2018 11:05:51: HAMMOND WASTEWATER TREATMENT PLANT

2002050070 03/13/2018 11:05:59: A message was sent by AutoPage from Page Manager on 3/13/2018 11:05:59 AM.

2002050070 03/13/2018 12:39:34: DEQ ON SCENE @ 1225

2002050070 03/13/2018 12:51:31: ENVIORMENTAL CLEANUP ON SCENE

03/26/2018 10:45:01 AM gerarve_ad

Responded to a report of an a unknown chemical on top of the water at the city sewer treatment facility. La. State Police, La. DEQ, and OMI Environmental were all notified. Clean up was turned over to OMI under supervision of La DEQ.

L Authorization

137 GERARVE, ALEX TO 03 26 2018

Officer in charge ID Signature Position or rank Assignment Month Day Year

Check Box if ☒ 137 GERARVE, ALEX TO 03 26 2018

same as Officer Member making report ID Signature Position or rank Assignment Month Day Year

in charge.

FIELD SERVICE TICKET

REMIT TO:

131 KEATING DRIVE
BELLE CHASSE, LA 70037

OMI

ENVIRONMENTAL
SOLUTIONS

1-800-645-6671

JOB# 213180769

VCC# 217180771

Tub Size

NO. 20352

CUSTOMER NAME City of Hammond PO Box 2788 Hammond LA 70404		ADDRESS: 18019th St. Hammond, LA	PHONE: 985-869-7169
P.O. NO.	CO. REP. C. Palermo	DATE: 3-13-18	ALT #:

JOB SITE / WELL # / VESSEL NAME: Water treatment Pond / Lift Station # 3

WORK LOCATION: South East corner of Pond / Toumaiton St.

TYPE OF JOB: Oil spill

DESCRIPTION OF WORK: Round LP Emulsifier oil and VCC LP 6/12 70313L.

PERSONNEL

NAME	TITLE	IN	OUT	HOURS		WORK RATE		COMBINED AMT.	PER DIEM
				S/T	O/T	S/T	O/T		
CROOP, Christian	Supervisor	1100	2000	6	3				
Robertson, Byron	tech	1100	1930	6	2.5				
WILLIAMS, John	tech	1100	1930	6	2.5				
Martinez, Brian	tech	1100	2000	6	3				
Newton, Anthony	tech	1100	2000	6	3				
Kent	oppr.	1230	2000	3.5	3				
Dale VCC	oppr.	1430	2000	2.5	3				

EQUIPMENT, SUPPLIES AND MISCELLANEOUS

Description	Units	Rate	Total
Work truck	Day	3	
Milco 64 one way x 6	384		
2" Wash Pump	Day	2	
18' Containment Boom	Foot	100'	
5' Section Boom	Boat	1	
Section Pad	Boat	1	
PC truck	Boat	1	
Latched Gloves	Box	1	
Hand tools	Box	2	
1/2" Rope	Spool	1	
20-150L-4000 truck	Day	2	
FLC Screenshot	Each	2	
32' SMH trailer	Day	1	
Boat trailer	Day	1	

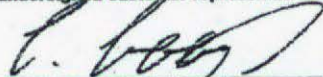
TOTAL PER DIEM

TOTAL LABOR

TOTAL EQUIPMENT

ESTIMATED TOTAL

The equipment and manpower listed on the job service order is presumed accurate and is hereby accepted upon signature by the undersigned customer representative. OMIES reserves the right to audit the above rates and/or calculations and adjust accordingly.



OMIES Representative



Customer Representative

 3-14-18
Date

REMIT TO:



OMI
ENVIRONMENTAL
SOLUTIONS

JOB# 213180769

NO. 20353

CUSTOMER NAME City of Hammond PO Box 2788, Hammond, LA 70404		ADDRESS: 1801 Natches St. Hammond.		PHONE: 985-969-7169
P.O. NO.		CO. REP. GLV Palermo		DATE: 3-14-18
				ALT #:

JOB SITE / WELL # / VESSEL NAME. Waste Water Plant
WORK LOCATION: Soler 61st Corner of Pond
TYPE OF JOB: Old Oil JAB w/ skid
DESCRIPTION OF WORK: Cont. to VCCIP Old Oil ~~skid~~ Pond.

[illegible][illegible]

TOTAL PER DIEM
TOTAL LABOR
TOTAL EQUIPMENT
ESTIMATED TOTAL

OMIES Representative

Customer Representative

Date _____

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
FIELD INTERVIEW FORM

AGENCY INTEREST#: _____ INSPECTION DATE: 3-13 TIME OF ARRIVAL: 12:00
ALTERNATE ID#: _____ DEPARTURE DATE: 3-13 TIME OF DEPARTURE: 2:30
FACILITY NAME: (ID Type/Number) City of Hammond Wastewater Treatment PH #: 985-277-5971
LOCATION: Fagan Drive Wastewater Treatment plant
RECEIVING STREAM (BASIN/SUBSEGMENT): _____ PARISH NAME: Tangipahoa
MAILING ADDRESS: PO Box 2788 70404
(Street/P.O. Box) (City) (State) (ZIP)
FACILITY REPRESENTATIVE: GOY PALERMO TITLE: Superintendent
FACILITY REPRESENTATIVE PHONE NUMBER: 985 761 7161
NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: ER PROGRAM INVOLVED: AIR WASTE WATER OTHER _____

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

On March 13th emergency responder Christian Flucke responded to an unknown chemical release at a Hammond water treatment plant on Fagan drive. Upon arrival, a thick, light-brown colored hydrocarbon was observed along the Southern Shore of treatment pond 1. The city contracted OMI to remove the material. OMI will contain the material with hoses & boom, then remove it via a vac. truck. All air monitoring by DEQ was non-detect. No off site impact. CTF

AREAS OF CONCERN:

REGULATION	EXPLANATION	CORRECTED?
		YES NO
_____	_____	
_____	_____	
_____	_____	YES NO

PHOTOS TAKEN: ☒ YES ☐ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Goy Palermo

PRINT NAME: Goy Palermo

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
 Data File : 1803338-001ADF=10.D
 Acq On : 15 Mar 2018 3:51 pm
 Operator : DAC
 Sample : 1803338-001ADF=10
 Misc : ,SAMP,BNA_W_RCRA,10,
 ALS Vial : 2 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak

Integration Events: RTE Integrator - rteint.p

PK#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	3.154	1.37	C:\Database\wiley7N.1			
			Benzene, 1-ethyl-2-methyl-	18921	000611-14-3	95
			Benzene, 1-ethyl-2-methyl- (CAS) \$	18923	000611-14-3	95
			\$ o-Ethyltoluene \$\$ 1-Methyl-2-ethylbenzene \$\$ 2-Ethyltoluene \$\$ Toluene, o-ethyl- \$\$ o-Methylethylbenzene \$\$ o-Ethyl methyl benzene \$\$ 1-Ethyl-2-methylbenzene \$\$ o-Ethyl methylbenzene \$\$ ortho-Ethyltoluene			
			Benzene, 1-ethyl-3-methyl- (CAS) \$	18928	000620-14-4	95
			\$ m-Ethyltoluene \$\$ 1-Methyl-3-ethylbenzene \$\$ 3-Ethyltoluene \$\$ Toluene, m-ethyl- \$\$ m-Ethylmethylbenzene \$\$ m-Methylethylbenzene \$\$ 1-Ethyl-3-methylbenzene \$\$ meta-Ethyltoluene			
2	3.307	3.37	C:\Database\wiley7N.1			
			Benzene, 1,2,3-trimethyl- (CAS) \$\$	18946	000526-73-8	95
			1,2,3-Trimethylbenzene \$\$ 1,2,3 TRIMETHYLBENZENE \$\$ Hemimellitene \$			
			\$ Hemellititol			
			Benzene, 1,2,4-trimethyl- (CAS) \$\$	18958	000095-63-6	95
			1,2,4-Trimethylbenzene \$\$ 1,2,4 TRIMETHYLBENZENE \$\$ Pseudocumol \$\$ Pseudocumene \$\$.psi.-Cumene \$\$ 1,3,4-Trimethylbenzene \$\$ 1,2,5-Trimethylbenzene \$\$ Asymmetrical trimethylbenzene			
			Benzene, 1,2,4-trimethyl- (CAS) \$\$	18957	000095-63-6	94
			1,2,4-Trimethylbenzene \$\$ 1,2,4 TRIMETHYLBENZENE \$\$ Pseudocumol \$\$ Pseudocumene \$\$.psi.-Cumene \$\$ 1,3,4-Trimethylbenzene \$\$ 1,2,5-Trimethylbenzene \$\$ Asymmetrical trimethylbenzene \$\$ As-Trimethylbenzene \$\$ Psi-cumene \$\$			
3	3.537	2.90	C:\Database\wiley7N.1			
			Benzene, 1,2-diethyl-	29897	000135-01-3	97
			Benzene, 1,3-diethyl-	29907	000141-93-5	97
			Benzene, 1,2-diethyl-	29898	000135-01-3	96
4	3.572	2.75	C:\Database\wiley7N.1			
			Benzene, 4-ethyl-1,2-dimethyl-	29943	000934-80-5	95
			Benzene, 1-methyl-2-(1-methylethyl)-	29869	000527-84-4	94
			Benzene, 4-ethyl-1,2-dimethyl-	29939	000934-80-5	94
5	3.672	1.26	C:\Database\wiley7N.1			
			Benzene, 1-methyl-4-(1-methylethyl)-	29888	000099-87-6	97
			Benzene, 1-methyl-2-(1-methylethyl)-	29870	000527-84-4	97
			\$ \$ o-Cymene \$ \$ o-Cymol \$ \$ o-Isopropyltoluene \$ \$ 1-Isopropyl-2-met			

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
 Data File : 1803338-001ADF=10.D
 Acq On : 15 Mar 2018 3:51 pm
 Operator : DAC
 Sample : 1803338-001ADF=10
 Misc : ,SAMP,BNA_W_RCRA,10,
 ALS Vial : 2 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak

Integration Events: RTE Integrator - rteint.p

*k#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			hylbenzene \$\$ 1-Methyl-2-isopropyl			
			benzene \$\$ 2-Isopropyltoluene \$\$ 1			
			-Methyl-2-(1-methylethyl)-benzene			
			\$\$ Cymene, ortho \$\$ UN 2046			
			Benzene, 1-methyl-2-(1-methylethyl	29875	000527-84-4	97
)- (CAS) \$\$ 1-Methyl-2-isopropylbe			
			nzene \$\$ o-Cymene \$\$ o-Cymol \$\$ o-			
			Isopropyltoluene \$\$ 2-Isopropyltol			
			uene \$\$ 1-Isopropyl-2-methylbenzen			
			e \$\$ 1-Methyl-2-(1-methylethyl)-be			
			nzene \$\$ Cymene, ortho \$\$ UN 2046			
6	3.696	1.89	C:\Database\wiley7N.1			
			Benzene, 1-ethyl-2,3-dimethyl-	29925	000933-98-2	96
			Benzene, 4-ethyl-1,2-dimethyl-	29943	000934-80-5	96
			Benzene, 2-ethyl-1,4-dimethyl- \$\$	29933	001758-88-9	95
			p-Xylene, 2-ethyl- \$\$ 1,4-Dimethyl			
			-2-ethylbenzene \$\$ 2-Ethyl-p-xylen			
			e \$\$ 2-Ethyl-1,4-dimethylbenzene \$			
			\$ 2,5-Dimethylethylbenzene			
7	3.849	1.79	C:\Database\wiley7N.1			
			Benzene, 1,2,3,5-tetramethyl- \$\$ I	29957	000527-53-7	96
			sodurene \$\$ 1,2,3,5-Tetramethylben			
			zene			
			Benzene, 1,2,4,5-tetramethyl-	29966	000095-93-2	95
			Benzene, 1-methyl-2-(1-methylethyl	29872	000527-84-4	95
)- (CAS) \$\$ 1-Methyl-2-isopropylbe			
			nzene \$\$ o-Cymene \$\$ o-Cymol \$\$ o-			
			Isopropyltoluene \$\$ 2-Isopropyltol			
			uene \$\$ 1-Isopropyl-2-methylbenzen			
			e \$\$ 1-Methyl-2-(1-methylethyl)-be			
			nzene \$\$ Cymene, ortho \$\$ UN 2046			
8	3.954	5.61	C:\Database\wiley7N.1			
			Heptane, 3-bromo-	82768	001974-05-6	53
			Hexanal, 2-ethyl- (CAS) \$\$ 2-Ethyl	24743	000123-05-7	45
			hexanal \$\$ 3-Formylheptane \$\$ 2-Et			
			hylhexaldehyde \$\$ 2-Ethylhexylalde			
			hyde \$\$ Butylethylacetaldehyde \$\$			
			Ethylbutylacetaldehyde \$\$.alpha.-			
			Ethylcaproaldehyde \$\$.alpha.-Ethyl			
			hexanal \$\$ 2-Ethylhexan-1-al \$\$ 2			
			-Ethylcaproaldehy			
			Heptane, 2-iodo- \$\$ 2-Iodoheptane	152992	018589-29-2	42
9	3.990	1.17	C:\Database\wiley7N.1			
			Benzene, 1-methyl-4-(1-methylethyl	29889	000099-87-6	58
)-			
			Benzene, 1-methyl-3-(1-methylethyl	29877	000535-77-3	53
)-			
			Benzene, 1-ethyl-2,3-dimethyl- (CA	29927	000933-98-2	53
			S) \$\$ 3-Ethyl-o-xylene \$\$ 1,2-Dime			
			thyl-3-ethylbenzene \$\$ o-Xylene, 3			
			-ethyl- \$\$ 1-Ethyl-2,3-dimethylben			

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
 Data File : 1803338-001ADF=10.D
 Acq On : 15 Mar 2018 3:51 pm
 Operator : DAC
 Sample : 1803338-001ADF=10
 Misc : ,SAMP,BNA_W_RCRA,10,
 ALS Vial : 2 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

'k#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			zene \$\$ 3-Ethyl-1,2-dimethylbenzen			
10	4.113	1.99	C:\Database\wiley7N.1			
			Dodecane (CAS) \$\$ n-Dodecane \$\$ Ba	74405	000112-40-3	95
			51-090453 \$\$ Adakane 12 \$\$ Isodod			
			ecane \$\$ CH3(CH2)10CH3 \$\$ Bihexyl			
			\$\$ Dihexyl \$\$ n-Dodecane min \$\$ N-			
			Dodecan \$\$ Duodecane \$\$ ACETIC ACI			
			D 3-HYDROXY-7-ISOPROPENYL-1,4A-DIM			
			ETHYL-2,3,4,4A,5,6,7,8-OCTAHYDRO-N			
			AP			
			Dodecane (CAS) \$\$ n-Dodecane \$\$ Ba	74408	000112-40-3	95
			51-090453 \$\$ Adakane 12 \$\$ Isodod			
			ecane \$\$ CH3(CH2)10CH3 \$\$ Bihexyl			
			\$\$ Dihexyl \$\$ n-Dodecane min \$\$ N-			
			Dodecan \$\$ Duodecane \$\$ ACETIC ACI			
			D 3-HYDROXY-7-ISOPROPENYL-1,4A-DIM			
			ETHYL-2,3,4,4A,5,6,7,8-OCTAHYDRO-N			
			AP			
			Dodecane	74390	000112-40-3	91
11	4.160	1.37	C:\Database\wiley7N.1			
			Undecane, 2,6-dimethyl-	93401	017301-23-4	89
			Naphthalene (CAS) \$\$ White tar \$\$	25269	000091-20-3	50
			NAPHTALINE \$\$ Naphthene \$\$ Albocar			
			bon \$\$ Naphthalin \$\$ Naphthaline \$			
			\$ Dezodorator \$\$ Moth flakes \$\$ Ta			
			r camphor \$\$ Camphor tar \$\$ Moth b			
			alls \$\$ Naftalen \$\$ NCI-C52904 \$\$			
			Mighty 150 \$\$ Mighty rdl \$\$ Naptha			
			lene, molten \$\$ R			
			Naphthalene	25270	000091-20-3	50
12	4.307	1.15	C:\Database\wiley7N.1			
			1-Hexadecanol (CAS) \$\$ Cetol \$\$ Et	177034	036653-82-4	43
			hal \$\$ Ethol \$\$ Cetanol \$\$ Cetylol			
			\$\$ Adol 52 \$\$ Lanol C \$\$ Adol 54			
			\$\$ Lorol 24 \$\$ Alfol 16 \$\$ Aldol 5			
			4 \$\$ Atalco C \$\$ Cetaffine \$\$ Loxa			
			nol K \$\$ Adol 52NF \$\$ Elfacos C \$\$			
			Crodacol C \$\$ Hyfatol 16 \$\$ Cetol			
			ol CA \$\$ Siponol			
			Cyclopentane, (2-methylpropyl)- \$\$	23169	003788-32-7	38
			Cyclopentane, isobutyl- \$\$ Isobut			
			ylcyclopentane			
			Cyclohexane, ethyl- (CAS) \$\$ Ethyl	13961	001678-91-7	27
			cyclohexane \$\$ ETHYLCYCLOHEXAN			
13	4.378	1.00	C:\Database\wiley7N.1			
			Nonane, 3-methyl-	38825	005911-04-6	72
			Dodecane, 4,6-dimethyl-	113323	061141-72-8	70
			Nonane, 3-methyl- (CAS) \$\$ 3-Methy	38827	005911-04-6	64
			lnonane			
14	4.484	1.88	C:\Database\wiley7N.1			

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
 Data File : 1803338-001ADF=10.D
 Acq On : 15 Mar 2018 3:51 pm
 Operator : DAC
 Sample : 1803338-001ADF=10
 Misc : ,SAMP,BNA_W_RCRA,10,
 ALS Vial : 2 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak

Integration Events: RTE Integrator - rteint.p

PK#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			Tridecane (CAS) \$\$ n-Tridecane \$\$	93376	000629-50-5	96
			Tridecane, n-			
			Tridecane \$\$ n-Tridecane \$\$ Tridecane, n-	93369	000629-50-5	91
			Tridecane (CAS) \$\$ n-Tridecane \$\$	93370	000629-50-5	87
			Tridecane, n-			
15	4.748	1.11	C:\Database\wiley7N.1			
			Dodecane, 2,6,10-trimethyl-	134035	003891-98-3	83
			Dodecane, 2,7,10-trimethyl-	134044	074645-98-0	83
			Dodecane, 2,6,11-trimethyl- \$\$ 2,6	134042	031295-56-4	80
			,11-Trimethyldodecane			
16	4.831	1.13	C:\Database\wiley7N.1			
			Tetradecane (CAS) \$\$ n-Tetradecane	113302	000629-59-4	94
			\$\$ Isotetradecane			
			Tetradecane (CAS) \$\$ n-Tetradecane	113296	000629-59-4	94
			\$\$ Isotetradecane			
			Tetradecane \$\$ n-Tetradecane \$\$ Isotetradecane	113291	000629-59-4	90
17	5.031	1.14	C:\Database\wiley7N.1			
			Undecane (CAS) \$\$ n-Undecane \$\$ He	56231	001120-21-4	81
			ndecane \$\$ n-C11H24 \$\$ UN 2330			
			Undecane (CAS) \$\$ n-Undecane \$\$ He	56233	001120-21-4	81
			ndecane \$\$ n-C11H24 \$\$ UN 2330			
			Undecane (CAS) \$\$ n-Undecane \$\$ He	56232	001120-21-4	72
			ndecane \$\$ n-C11H24 \$\$ UN 2330			
18	5.166	1.13	C:\Database\wiley7N.1			
			pentadecane	134049	000629-62-9	96
			Pentadecane (CAS) \$\$ n-Pentadecane	134019	000629-62-9	95
			\$\$ CH3(CH2)13CH3			
			Pentadecane	134009	000629-62-9	95
19	6.572	2.16	C:\Database\wiley7N.1			
			n-Hexadecanoic acid	195430	000057-10-3	99
			Hexadecanoic acid (CAS) \$\$ Palmitic acid \$\$ Palmitinic acid \$\$ n-Hexadecanoic acid \$\$ n-Hexadecanoic acid	195440	000057-10-3	99
			d \$\$ Pentadecanecarboxylic acid \$\$ 1-Pentadecanecarboxylic acid \$\$ Purific 2960 \$\$ Coconut oil fatty acids \$\$ Cetylic acid \$\$ Emersol 140 \$\$ Emersol 143			
			n-Hexadecanoic acid	195432	000057-10-3	98
20	7.107	1.12	C:\Database\wiley7N.1			
			Cyclohexane, 1,2-diethenyl-, cis- \$\$ cis-1,2-Divinylcyclohexane \$\$ Cyclohexane, 1,2-divinyl-, cis-1-(pent-4'-enyl)cyclopentene \$\$ Cyclopentene, 1-(4-pentenyl)- (CAS) \$\$ 1-Pentene, 5-(1-cyclopenten-1-yl)- (CAS) \$\$ 1-(4-Pentenyl)cyclopentene	32075	001004-84-8	53
				32353	016133-78-1	50

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
 Data File : 1803338-001ADF=10.D
 Acq On : 15 Mar 2018 3:51 pm
 Operator : DAC
 Sample : 1803338-001ADF=10
 Misc : ,SAMP,BNA_W_RCRA,10,
 ALS Vial : 2 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak

Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			ntene			
			1,5-Cyclooctadiene, 1,3-dimethyl-	32392	000000-00-0	49
21	7.184	49.72	C:\Database\wiley7N.1			
			9-Octadecenoic acid, (E)- \$\$ trans	228773	000112-79-8	99
			-.delta.(sup 9)-Octadecenoic acid			
			\$\$ trans-.delta.9-Octadecenoic aci			
			d \$\$ trans-Octadec-9-enoic acid \$\$			
			trans-Oleic acid \$\$ trans-9-Octad			
			ecenoic acid \$\$ Elaidic acid			
			9-Octadecenoic acid (Z)- (CAS) \$\$	228694	000112-80-1	98
			Oleic acid \$\$ Red oil \$\$ Oelsauere			
			\$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$			
			Emersol 211 \$\$ Vopcolene 27 \$\$ cis			
			-Oleic acid \$\$ Wecoline OO \$\$ Z-9-			
			Octadecenoic acid \$\$ cis-9-Octadec			
			enoic acid \$\$.delta.9-cis-Oleic a			
			cid \$\$ 9-Octadece			
			9-Octadecenoic acid (Z)- (CAS) \$\$	228695	000112-80-1	95
			Oleic acid \$\$ Red oil \$\$ Oelsauere			
			\$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$			
			Emersol 211 \$\$ Vopcolene 27 \$\$ cis			
			-Oleic acid \$\$ Wecoline OO \$\$ Z-9-			
			Octadecenoic acid \$\$ cis-9-Octadec			
			enoic acid \$\$.delta.9-cis-Oleic a			
			cid \$\$ 9-Octadece			
22	8.654	1.02	C:\Database\wiley7N.1			
			dl-2-Ethylhexyl chloroformate \$\$ 2	102311	024468-13-1	72
			-Ethylhexyl chloroformate \$\$ Chlor			
			ofomic acid 2-ethylhexyl ester \$\$			
			Carbonochloridic acid, 2-ethylhex			
			yl ester \$\$ Ethylhexyl chloroforma			
			te \$\$ UN 2748			
			2-Undecene, 4,5-dimethyl-, [R@,S@-	90479	055170-93-9	53
			(Z)]- \$\$ Erythro cis-4,5-Dimethyl-			
			2-undecene			
			2-UNDECENE, 4,5-DIMETHYL-, CIS-, T	90478	055170-93-9	53
			HREO-			
23	9.513	1.06	C:\Database\wiley7N.1			
			Benzo[1,2-b:4,3-b']dithiophene, 1-	208090	016587-58-9	49
			phenyl-			
			1-formyl-2,6-dimethoxyanthracene \$	208437	104662-36-4	43
			\$ 1-Formyl-2,6-dimethoxy-anthracen			
			e \$\$ 1-Anthracenecarboxaldehyde, 2			
			,6-dimethoxy- (CAS)			
			1-N-benzyl-3H-1,4-benzodiazepine-2	208173	005973-20-6	38
			,5-(1H,4H)-dione \$\$ 1H-1,4-Benzodi			
			azepine-2,5-dione, 3,4-dihydro-1-(
			phenylmethyl)- (CAS) \$\$ 1H-1,4-Ben			
			zodiazepine-2,5-dione, 1-benzyl-3,			
			4-dihydro- (CAS)			

24 9.642 10.90 C:\Database\wiley7N.1

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
Data File : 1803338-001ADF=10.D
Acq On : 15 Mar 2018 3:51 pm
Operator : DAC
Sample : 1803338-001ADF=10
Misc : ,SAMP,BNA_W_RCRA,10,
ALS Vial : 2 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

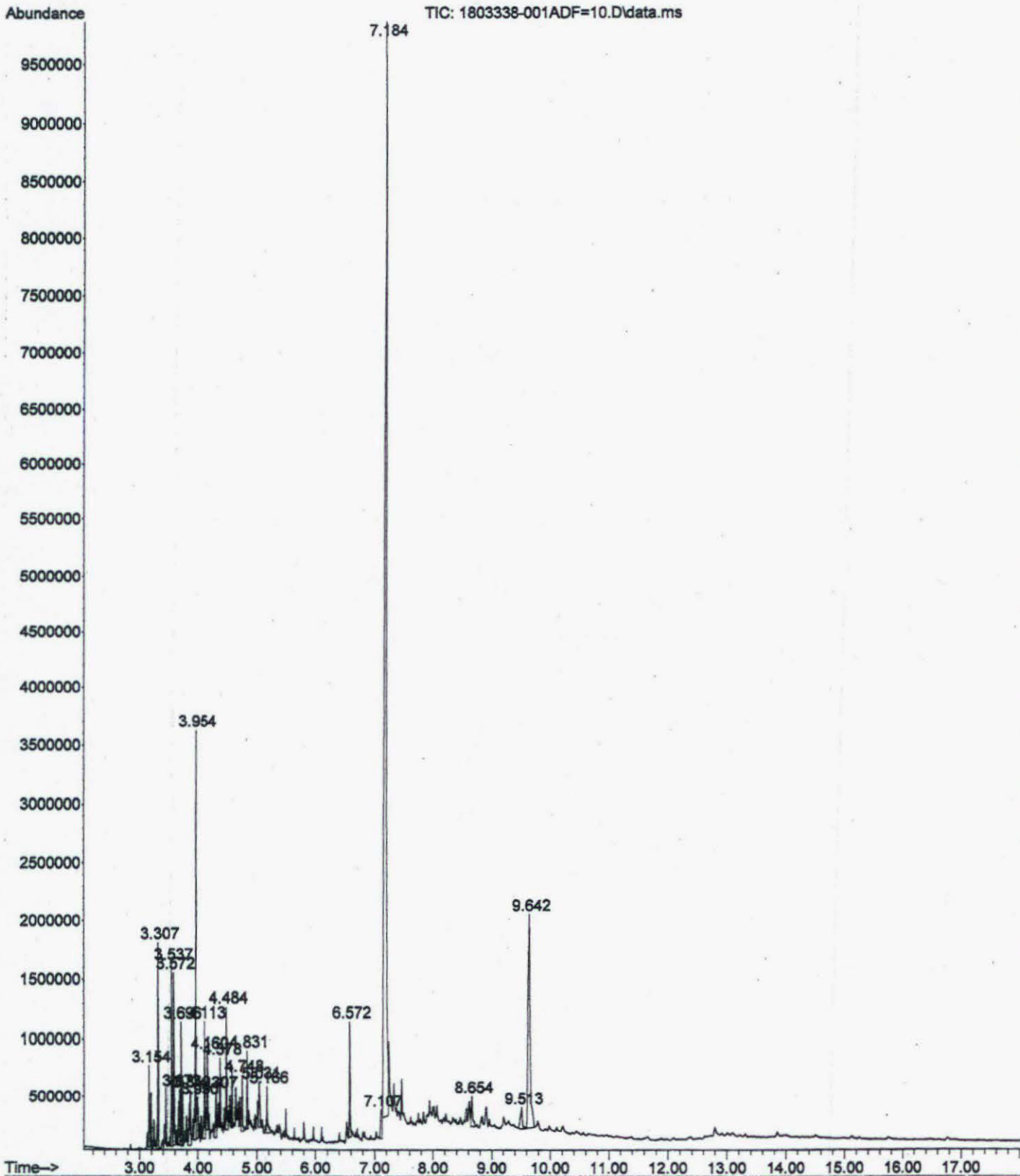
Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak

Integration Events: RTE Integrator - rteint.p

pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			9-Octadecenoic acid (Z)- (CAS) \$\$	228694	000112-80-1	93
			Oleic acid \$\$ Red oil \$\$ Oelsauere			
			\$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$			
			Emersol 211 \$\$ Vopcolene 27 \$\$ cis			
			-Oleic acid \$\$ Wecoline OO \$\$ Z-9-			
			Octadecenoic acid \$\$ cis-9-Octadec			
			enoic acid \$\$.delta.9-cis-Oleic a			
			cid \$\$ 9-Octadece			
			9-Octadecenoic acid (Z)- (CAS) \$\$	228697	000112-80-1	84
			Oleic acid \$\$ Red oil \$\$ Oelsauere			
			\$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$			
			Emersol 211 \$\$ Vopcolene 27 \$\$ cis			
			-Oleic acid \$\$ Wecoline OO \$\$ Z-9-			
			Octadecenoic acid \$\$ cis-9-Octadec			
			enoic acid \$\$.delta.9-cis-Oleic a			
			cid \$\$ 9-Octadece			
			9-Octadecenoic acid, (E)-	228774	000112-79-8	41

File : C:\msdchem\1\data\2018\March\031518\1803338-001ADF=10.D
Operator : DAC
Acquired : 15 Mar 2018 3:51 pm using AcqMethod BNAZEBRON.M
Instrument : GCMSD
Sample Name: 1803338-001ADF=10
Misc Info : ,SAMP,BNA_W_RCRA,10,
Vial Number: 2



Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
Data File : 1803338-002A.D
Acq On : 15 Mar 2018 4:15 pm
Operator : DAC
Sample : 1803338-002A
Misc : ,SAMP,BNA_W_RCRA,1,
ALS Vial : 3 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	3.313	1.51	C:\Database\wiley7N.1			
			Benzene, 1,2,4-trimethyl- (CAS) \$\$	18958	000095-63-6	97
			1,2,4-Trimethylbenzene \$\$ 1,2,4 T			
			RIMETHYLBENZENE \$\$ Pseudocumol \$\$			
			Pseudocumene \$\$.psi.-Cumene \$\$ 1,			
			3,4-Trimethylbenzene \$\$ 1,2,5-Trim			
			ethylbenzene \$\$ Asymmetrical trime			
			thylbenzene			
			Benzene, 1,2,3-trimethyl- (CAS) \$\$	18946	000526-73-8	95
			1,2,3-Trimethylbenzene \$\$ 1,2,3 T			
			RIMETHYLBENZENE \$\$ Hemimellitene \$			
			\$ Hemellitol			
			Benzene, 1,2,3-trimethyl-	18949	000526-73-8	95
2	3.419	2.73	C:\Database\wiley7N.1			
			1-Hexanol, 2-ethyl- (CAS) \$\$ 2-Eth	26921	000104-76-7	90
			ylhexanol \$\$ 2-Ethyl-1-hexanol \$\$			
			Ethylhexanol \$\$ 2-Ethylhexan-1-ol			
			\$\$ 2-Ethylhexyl alcohol \$\$ 2-Ethyl			
			-hexanol-1 \$\$ Ethylhexyl alcohol \$			
			\$ Octyl alcohol \$\$ 2-ETHYL-HEXAN-1			
			-OL \$\$ 2-Ethylhexanol-1			
			1-Hexanol, 2-ethyl- (CAS) \$\$ 2-Eth	26923	000104-76-7	86
			ylhexanol \$\$ 2-Ethyl-1-hexanol \$\$			
			Ethylhexanol \$\$ 2-Ethylhexan-1-ol			
			\$\$ 2-Ethylhexyl alcohol \$\$ 2-Ethyl			
			-hexanol-1 \$\$ Ethylhexyl alcohol \$			
			\$ Octyl alcohol \$\$ 2-ETHYL-HEXAN-1			
			-OL \$\$ 2-Ethylhexanol-1			
			1-Hexanol, 2-ethyl- (CAS) \$\$ 2-Eth	26925	000104-76-7	86
			ylhexanol \$\$ 2-Ethyl-1-hexanol \$\$			
			Ethylhexanol \$\$ 2-Ethylhexan-1-ol			
			\$\$ 2-Ethylhexyl alcohol \$\$ 2-Ethyl			
			-hexanol-1 \$\$ Ethylhexyl alcohol \$			
			\$ Octyl alcohol \$\$ 2-ETHYL-HEXAN-1			
			-OL \$\$ 2-Ethylhexanol-1			
3	5.966	1.74	C:\Database\wiley7N.1			
			Tetradecanoic acid	157231	000544-63-8	99
			Tetradecanoic acid \$\$ Myristic aci	157225	000544-63-8	98
			d \$\$ n-Tetradecanoic acid \$\$ n-Tet			
			radecoic acid \$\$ Neo-Fat 14 \$\$ Uni			
			vol U 316S \$\$ 1-Tridecanecarboxyli			
			c acid \$\$ Coconut oil fatty acids			
			\$\$ Crodacid \$\$ Emery 655 \$\$ Hydrof			
			ol acid 1495 \$\$ Hystrene 9014 \$\$ n			
			-Tetradecan-1-oic			
			Tetradecanoic acid (CAS) \$\$ Myrist	157226	000544-63-8	97
			ic acid \$\$ MYRISTINIC ACID \$\$ n-Te			
			tridecanoic acid \$\$ neo-Fat 14 \$\$			
			Univol U 316S \$\$ n-Tetradecoic aci			
			d \$\$ 1-Tridecanecarboxylic acid \$\$			
			n-Tetradecan-1-oic acid \$\$ methyl			
			tridecanoate \$\$ Coconut oil fatty			
			acids \$\$ Crodaci			

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
 Data File : 1803338-002A.D
 Acq On : 15 Mar 2018 4:15 pm
 Operator : DAC
 Sample : 1803338-002A
 Misc : ,SAMP,BNA_W_RCRA,1,
 ALS Vial : 3 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1 Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
4	6.525	1.50	C:\Database\wiley7N.1			
			Z-9-Pentadecenol	154797	000000-00-0	97
			(+)-15-Hexadecanolide \$\$ Oxacyclo	192827	095338-36-6	94
			hexadecan-2-one, 16-methyl-, (.-.			
) - (CAS)			
			Hexadecenoic acid, Z-11-	192905	002416-20-8	93
5	6.595	24.81	C:\Database\wiley7N.1			
			Hexadecanoic acid (CAS) \$\$ Palmiti	195439	000057-10-3	99
			c acid \$\$ Palmitinic acid \$\$ n-Hex			
			adecoic acid \$\$ n-Hexadecanoic aci			
			d \$\$ Pentadecanecarboxylic acid \$\$			
			1-Pentadecanecarboxylic acid \$\$ P			
			rifrac 2960 \$\$ Coconut oil fatty a			
			cids \$\$ Cetylic acid \$\$ Emersol 14			
			0 \$\$ Emersol 143			
			n-Hexadecanoic acid	195430	000057-10-3	99
			Hexadecanoic acid (CAS) \$\$ Palmiti	195440	000057-10-3	99
			c acid \$\$ Palmitinic acid \$\$ n-Hex			
			adecoic acid \$\$ n-Hexadecanoic aci			
			d \$\$ Pentadecanecarboxylic acid \$\$			
			1-Pentadecanecarboxylic acid \$\$ P			
			rifrac 2960 \$\$ Coconut oil fatty a			
			cids \$\$ Cetylic acid \$\$ Emersol 14			
			0 \$\$ Emersol 143			
6	7.195	52.61	C:\Database\wiley7N.1			
			9-Octadecenoic acid (Z) - (CAS) \$\$	228694	000112-80-1	99
			Oleic acid \$\$ Red oil \$\$ Oelsauere			
			\$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$			
			Emersol 211 \$\$ Vopcolene 27 \$\$ cis			
			-Oleic acid \$\$ Wecoline OO \$\$ Z-9-			
			Octadecenoic acid \$\$ cis-9-Octadec			
			enoic acid \$\$.delta.9-cis-Oleic a			
			cid \$\$ 9-Octadece			
			9-Octadecenoic acid, (E) - \$\$ trans	228773	000112-79-8	99
			-.delta.(sup 9)-Octadecenoic acid			
			\$\$ trans-.delta.9-Octadecenoic aci			
			d \$\$ trans-Octadec-9-enoic acid \$\$			
			trans-Oleic acid \$\$ trans-9-Octad			
			ecenoic acid \$\$ Elaidic acid			
			9-Octadecenoic acid (Z) - (CAS) \$\$	228693	000112-80-1	98
			Oleic acid \$\$ Red oil \$\$ Oelsauere			
			\$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$			
			Emersol 211 \$\$ Vopcolene 27 \$\$ cis			
			-Oleic acid \$\$ Wecoline OO \$\$ Z-9-			
			Octadecenoic acid \$\$ cis-9-Octadec			
			enoic acid \$\$.delta.9-cis-Oleic a			
			cid \$\$ 9-Octadece			
7	7.254	10.32	C:\Database\wiley7N.1			
			Octadecanoic acid (CAS) \$\$ Stearic	231330	000057-11-4	99
			acid \$\$ n-Octadecanoic acid \$\$ PD			
			185 \$\$ NAA 173 \$\$ Vanicol \$\$ Kam			

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
 Data File : 1803338-002A.D
 Acq On : 15 Mar 2018 4:15 pm
 Operator : DAC
 Sample : 1803338-002A
 Misc : ,SAMP,BNA_W_RCRA,1,
 ALS Vial : 3 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
 Integration Events: RTE Integrator - rteint.p

*k#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			3000 \$\$ Kam 1000 \$\$ Kam 2000 \$\$ Ne o-Fat 18 \$\$ Steric acid \$\$ Hystren e 80 \$\$ Industrene R \$\$ Stearex Be ads \$\$ Hystrene S-97 \$\$ Neo-Fat 18 -53 \$\$ Neo-Fat 18 Octadecanoic acid (CAS) \$\$ Stearic 231314 000057-11-4 99 acid \$\$ n-Octadecanoic acid \$\$ PD 185 \$\$ NAA 173 \$\$ Vanicol \$\$ Kam 3000 \$\$ Kam 1000 \$\$ Kam 2000 \$\$ Ne o-Fat 18 \$\$ Steric acid \$\$ Hystren e 80 \$\$ Industrene R \$\$ Stearex Be ads \$\$ Hystrene S-97 \$\$ Neo-Fat 18 -53 \$\$ Neo-Fat 18 Octadecanoic acid (CAS) \$\$ Stearic 231328 000057-11-4 99 acid \$\$ n-Octadecanoic acid \$\$ PD 185 \$\$ NAA 173 \$\$ Vanicol \$\$ Kam 3000 \$\$ Kam 1000 \$\$ Kam 2000 \$\$ Ne o-Fat 18 \$\$ Steric acid \$\$ Hystren e 80 \$\$ Industrene R \$\$ Stearex Be ads \$\$ Hystrene S-97 \$\$ Neo-Fat 18 -53 \$\$ Neo-Fat 18			
8	7.448	1.17	C:\Database\wiley7N.1 9,12-Octadecadienoic acid (Z,Z)- 226099 000060-33-3 98 9,12-Octadecadienoic acid (Z,Z)- (226102 000060-33-3 94 CAS) \$\$ Linoleic acid \$\$ Linoleic \$\$ Unifac 6550 \$\$ Linolic acid \$\$ Telfairic acid \$\$ Grape seed oil \$ \$ Polylin No. 515 \$\$ cis,cis-Linol eic acid \$\$ 9, 12-Octadecadienoic acid \$\$ cis-9,cis-12-Octadecadieno ic acid \$\$ 9,12-O 9,12-Octadecadienoic acid (Z,Z)- (226100 000060-33-3 91 CAS) \$\$ Linoleic acid \$\$ Linoleic \$\$ Unifac 6550 \$\$ Linolic acid \$\$ Telfairic acid \$\$ Grape seed oil \$ \$ Polylin No. 515 \$\$ cis,cis-Linol eic acid \$\$ 9, 12-Octadecadienoic acid \$\$ cis-9,cis-12-Octadecadieno ic acid \$\$ 9,12-O			
9	9.624	3.61	C:\Database\wiley7N.1 9-Octadecenoic acid (Z)- (CAS) \$\$ 228694 000112-80-1 93 Oleic acid \$\$ Red oil \$\$ Oelsauere \$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$ Emersol 211 \$\$ Vopcolene 27 \$\$ cis -Oleic acid \$\$ Wecoline OO \$\$ Z-9- Octadecenoic acid \$\$ cis-9-Octadec enoic acid \$\$.delta.9-cis-Oleic a cid \$\$ 9-Octadece 9-Octadecenoic acid (Z)- (CAS) \$\$ 228697 000112-80-1 89 Oleic acid \$\$ Red oil \$\$ Oelsauere \$\$ Oleine 7503 \$\$ Pamolyn 100 \$\$ Emersol 211 \$\$ Vopcolene 27 \$\$ cis -Oleic acid \$\$ Wecoline OO \$\$ Z-9-			

Library Search Report

Data Path : C:\msdchem\1\data\2018\March\031518\
Data File : 1803338-002A.D
Acq On : 15 Mar 2018 4:15 pm
Operator : DAC
Sample : 1803338-002A
Misc : ,SAMP,BNA_W_RCRA,1,
ALS Vial : 3 Sample Multiplier: 1

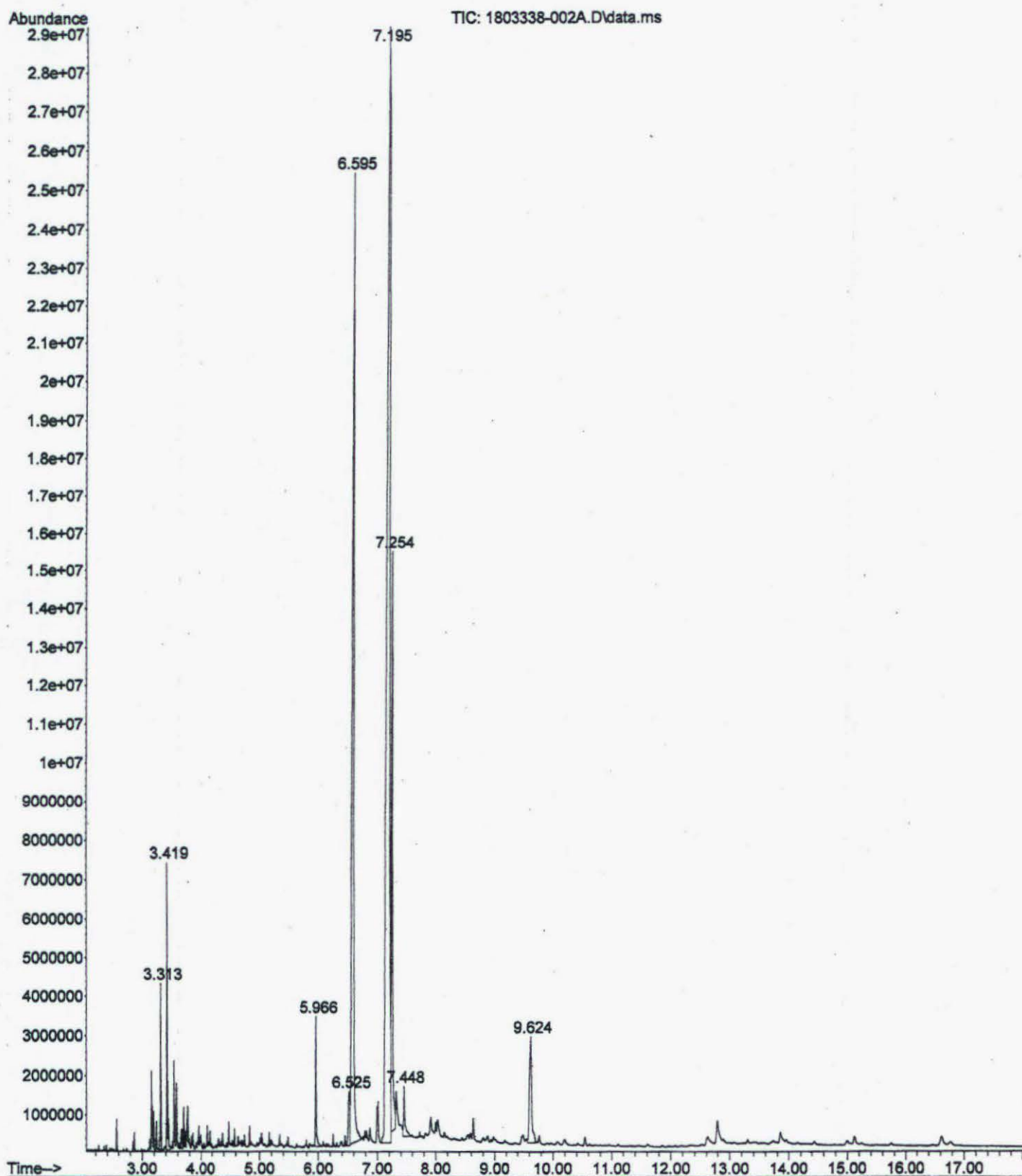
Search Libraries: C:\Database\wiley7N.1

Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak
Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			Octadecenoic acid \$\$ cis-9-Octadec			
			enoic acid \$\$.delta.9-cis-Oleic a			
			cid \$\$ 9-Octadece			
			HEPTADECENE-(8)-CARBONIC ACID-(1)	228686	000000-00-0	50

File : C:\msdchem\1\data\2018\March\031518\1803338-002A.D
Operator : DAC
Acquired : 15 Mar 2018 4:15 pm using AcqMethod BNAZEBRON.M
Instrument : GCMSD
Sample Name: 1803338-002A
Misc Info : ,SAMP,BNA_W_RCRA,1,
Vial Number: 3



Compliance , Testing and Remediation

1905 W. Thomas Street D 163, Hammond, Louisiana 70401

06/27/2018

Wendy Montalbano

Lab supervisor

Water Department Superintendent

PO Box 2788, Hammond, Louisiana 70404

RE: E.P.A. Calibration Verification Statement Effluent Weir, Effluent Pumping Station

Recorder: Siemens Millitronics, open channel meter III, w/Siemens XRS-10 Ultrasonic Head

Max Flow: Vertical Height from V-notch to water level of 25.10"=7050 GPM, 20ma output

Zero flow: Vertical height from V notch weir to inner sensor face of 44.63429"= 4 ma output

Ambient: 78 Deg. F. Construction, operation and calculations are all consistent with calibration statement of 10, October 2009.

On July 10, 2018 the calibration of the above device was verified. . The weir settings and flows are listed below:

Weir Height	Weir Flow	Flow Read Out	% difference
25"	2936	2985	1.67%

This recorder is operating within acceptable ranges and would indicate further calibration is not needed.

Sincerely,

Bill Travis

CTR LLC.

Bill Travis



Pete Panepinto
Mayor
May 3, 2018

Denise Bennett
Deputy Secretary
Louisiana Department of Environmental Quality
602 N Fifth St
Baton Rouge LA 70802

Re: CS221742-01
City of Hammond South Wastewater Treatment Plant Improvements Project
Categorical Exclusion Request

Deputy Secretary Bennett,

The City of Hammond is requesting a Categorical Exclusion for its South Wastewater Treatment Plant Improvements Project (CS221742-01). In accordance with LAC Title 33, Part IX, §2125.C.2.c, I am providing the following information.

Description of the Proposed Project

The SWTP was designed to process an average 4.1 MGD, with permitted effluent limits of 30/45 mg/L for BOD, 90/135 mg/L for TSS, 200/400 col./100 mL for FC, 6-9 SU for pH, and <0.1 mg/L for TRC.

Between November 2016 and July 2017, however, the SWTP was cited 6 times for significant exceedances of the BOD limit—despite a \$5 million CWSRF investment in 2013 to correct I/I in central Hammond and similarly prioritized areas and a nearly \$1 million LCDBG investment in 2014 to add pretreatment facilities to the SWTP.

A subsequent evaluation of the SWTP's pretreatment and treatment processes determined these BOD exceedances were most likely caused by: 1) inadequate aeration, closely correlated with heavy rainfall (Hammond receives about 64" of rain per year, and all but 1 of 25 BOD excursions in 2016 occurred after heavy rainfalls); 2) high ammonia levels, which translate to excessive oxygen requirements; and 3) insufficient detention time, especially during heavy rainfall, when flow can increase from 4.1 to over 6 MGD and, on rare occasions, has exceeded 11 MGD.

With \$2.1 million in new financing through the CWSRF, the City will make the following improvements to the SWTP: 1) replacing existing aerators and installing new aerators and blowers in existing pretreatment/treatment facilities and 2) constructing a new cell, "Cell 1B," adjacent to Cell 1 to allow for additional capacity of up to 8 MG and increased detention capability (existing aerators replaced as part of Step 1 would be relocated to this new cell). The new aerators and blowers will provide additional oxygen and ensure more aggressive, complete mixing, while the additional capacity, increased detention time, and additional aeration provided by Cell 1B will produce favorable conditions for nitrification to reduce ammonia levels—thus improving conditions at the SWTP to bring it into compliance with LDEQ.

A preliminary site plan is enclosed showing the proposed locations of Cell 1B and the aerators and blowers identified above.

Council: Johnny Blount - District 1 • Jason Hood - District 2 • Janice Carter Beard - District 3 • Lemar Marshall - District 4 • Mike Williams - District 5
P. O. Box 2788 • Hammond, LA 70404-2788 • (985) 277-5601 • Fax (985) 277-5602 • www.Hammond.org

No Action Alternative

The City has explored alternatives to the proposed project—including \$5 million in I/I corrections to Hammond's sewer collection system and the addition of a \$1 million pretreatment facility to the SWTP. While these have improved conditions at the SWTP, they have not resolved BOD exceedances and contributing high ammonia levels nor provided additional capacity or increased detention time to manage heavy rainfalls, population growth (from just over 18,000 pre-Katrina to more than 20,000 today), new industries, and commercial and residential development.

Doing nothing is not an alternative.

The City has also carefully examined the costs associated with this project and found the project to be cost-effective. And an analysis of expenses and revenues—including those projected over the next several years—have demonstrated the City is financially capable of constructing, operating, and maintaining the proposed Cell 1B, aerators, and blowers identified above. In fact, when completed, the proposed project, which will increase capacity, detention time, aeration, and mixing to reduce ammonia and BOD levels, may reduce operational, maintenance, and repair costs by reducing strain on existing facilities and eliminating the need for corrective actions. The project's budget follows:

Item	Cost
Construction	\$1,769,800.00
Contingencies	\$145,200.00
Basic Engineering Services (Fixed Cost)	\$132,558.02
Construction Inspection	\$44,245.00
Testing Lab/QC	\$8,000.00
Miscellaneous Costs	\$196.98
Total Cost:	\$2,100,000.00

Reasons for Categorical Exclusion

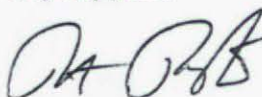
The proposed project involves minor upgrades of existing facilities and construction of new minor ancillary facilities on the same property as existing facilities.

The proposed project does NOT involve any of the non-categorically-excludable activities described under Title 33, Part IX, §2125.C.2.c.ii.(a)-(e), and none of the extraordinary circumstances identified in Title 33, Part IX, §2125.C.2.d. apply to the proposed project.

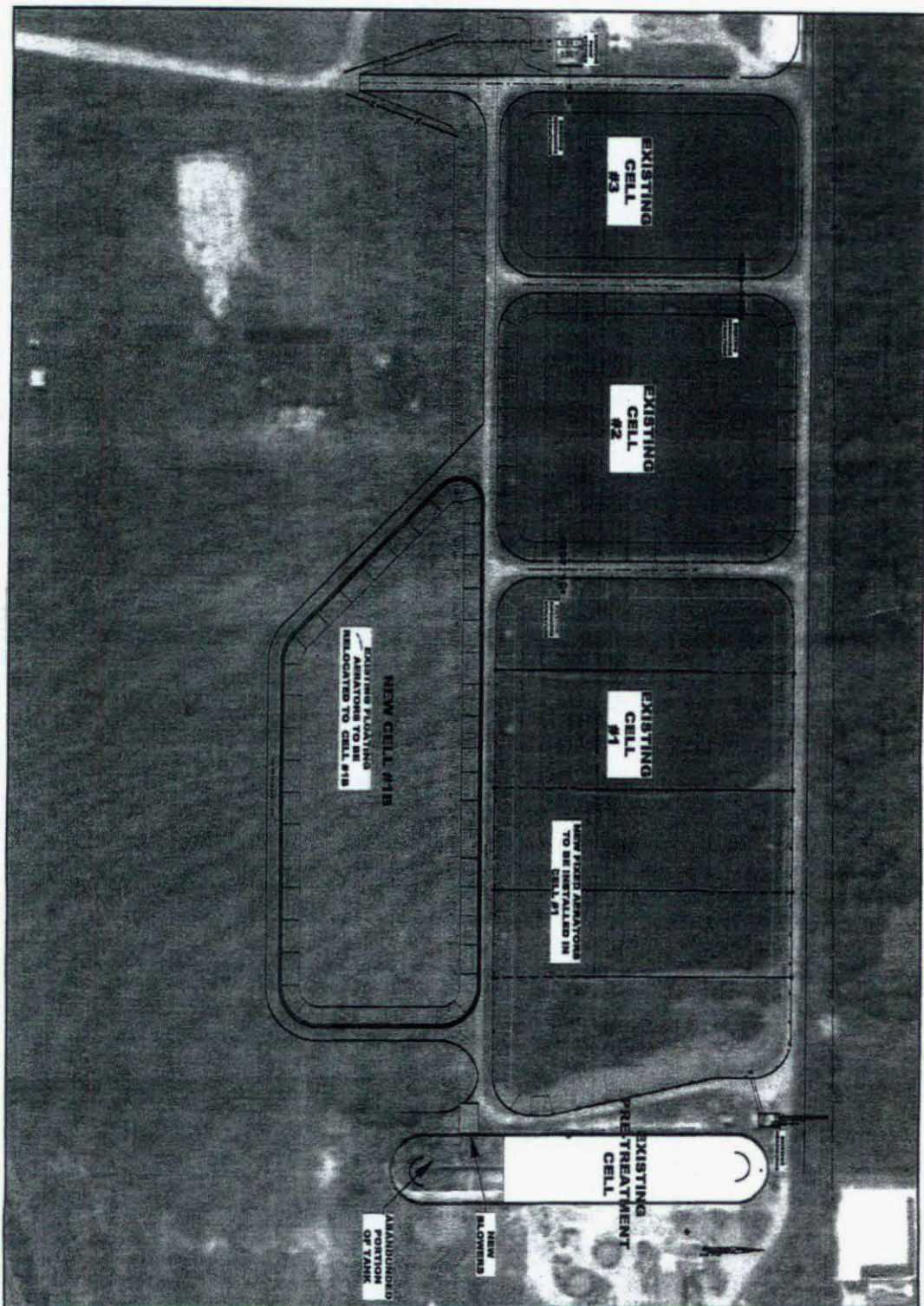
Additionally, the SWTP, which is solely owned by the City and located on land solely owned by the City, was environmentally cleared by LDEQ, OCD, SHPO, EPA, the Army Corps of Engineers, and others in May 2015 under the LCDBG Program.

Should your office require any additional information for this Categorical Exclusion, please do not hesitate to contact my Grants Manager, Charles Borchers IV, at 985-277-5647 or borchers_cw@hammond.org.

Very truly yours,



Pete Panepinto, Mayor



01 <small>SHEET</small>	 Spangler Engineering, LLC <small>CONSULTING CIVIL ENGINEERS</small> <small>214 1/2 W. WALSH RD.</small> <small>P.O. BOX 1314</small> <small>HAZARD, ILLINOIS 60149</small> <small>(312) 542-8888 FAX (312) 542-0546</small>	SOUTH PLANT WWTP AERATION UPGRADES <small>for the</small> City of Hammond	SITE PLAN	<small>SCALE 1"=20'</small> <small>DATE 1/2/2018</small> <small>DESIGNED BY</small> <small>CHECKED BY</small> <small>APPROVED BY</small>	<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto;"></div>

**Monthly/Quarterly
LDEQ Non Compliance reports
October 2017- September 2018**

October 10, 2017

Office of Environmental Compliance

LADEQ

P.O. Box 4312

Baton Rouge, Louisiana 70821-4312

Attn.: Scott B. Pierce

RE: City of Hammond South Slough Wetland Wastewater Assimilation Project

Amended compliance order

Enforcement Tracking No. WE-C-15-01070C

Agency Interest No. 19578

RESPONSE

1. BOD EXCEEDANCES

Month	Parameter	Permit Limit	Reported Sample Value	Explanation
November 2016	<ul style="list-style-type: none">• BOD Monthly Average• TSS Weekly Average• Total Mercury Weekly Average	30mg/l 135mg/l 004 lb/day	34.0mg/l 37.4mg/l 0 lb/day	High flow, high Ammonia and insufficient aeration Wrong value entered into computer, see DMR table attached Data entered in computer incorrect, see DMR table attached
December 2016	BOD Monthly Average	30mg/l	24.0mg/l	The computer entry on the DMR portal has the correct value
February 2017	<ul style="list-style-type: none">• BOD Monthly Average• BOD Monthly Average• BOD Weekly Average	2002 lb/day 30mg/l 45 mg/l	2801lb/day 34.1mg/l 54.9mg/l	All exceeds due to high flow, high ammonia and insufficient aeration
May 2017	BOD Monthly Average	30mg/l	34.7mg/l	All exceeds due to high flow, high ammonia and insufficient aeration
July 2017	BOD Monthly	2002 lb/day	2066lb/day	High flow

2. Metals

Month	Parameter	Permit Limit	Reported Sample Value	Explanation
November 2016	Total Mercury Weekly Average	.004lb/day	0 lb/day	With limits, see DMR table attached
December 2016	Total Mercury Weekly Average	.004lb/day	.03lb/DAY	High flow
July 2017	Total Copper Monthly Average	.85lb/day	1.04lb/day	High Flow

It has been determined by both consulting engineers and wastewater operators that there are 3 main reasons for the continued BOD excursions. Inadequate aeration, high ammonia levels and reduced retention time. To address these issues the following improvements are planned with the near future.

- A. Supplement the aeration process with fixed aeration placed at bottom of cell#1 and with 3 new 100HP blowers
- B. Relocate the floating aerators placed in cell #1 in late 2016 to cell#2
- C. Construct a new "Cell 2B" adjacent to cell #2 routing the partially treated wastewater from "old cell 2" to "new cell 2B". This will add an additional 8 million gallons of storage., which will increase detention time and allow for greater high flow treatment
- D. Add ammonia removal process between "new cell 2B" and cell 3.

The estimated cost for this project 1, 900, 000 and estimated start date of December 1, 2017 with procurement of funds. Below is an estimated time table of work and the completion of the project.

City of Hammond Wastewater Ungraded Project	
Procure Funds	Dec. 1, 2017
Complete plans, specifications, and bidding documents	Dec. 15, 2017
Advertising for bids	Dec. 22, 2017
Pre- bid conference	Jan. 9, 2018
Open Bids	Jan. 19, 2018
Award Bids	Jan. 23, 2018
Pre- Construction Conference	Feb., 5, 2018
Begin Construction	Feb. 12, 2018
Complete Construction – estimated 300 days	Dec. 9, 2018
Punch List work completed	Jan. 9, 2019

Full permit compliance for BOD's March 1, 2019

3. COPPER AND MERCURY METAL EXCEEDANCES: Copper metal and Mercury metal loading exceedance were both due to very high flow during the sampling period.

If you have any questions regarding the City of Hammond's response to the Amended Compliance Order of September 7, 2017, please contact Guy Palermo at (985)277-5962.

Sincerely,

Guy Palermo
Superintendent, Water & Sewer Department

Cc: Mayor Panepinto
Dr. Lacy Landrum
Vernon Banks
Chuck Spangler



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

May 24, 2018

Office of Environmental Compliance
LDEQ
P.O. Box 4312
Baton Rouge, La 70821-4312

RE: City of Hammond, Compliance Order
Fourth Quarter 2017 Progress Report
Enforcement Tracking No. WE-C-15-01070C
Agency Interest No. 19578

Dear Mr. Pierce,

Please accept this letter as the, 2017 Fourth Quarter Compliance progress report that was due by January 15, 2018. Changes in personnel at the City of Hammond, specifically in the position of Environmental Lab Supervisor, caused the quarterly progress report to be overlooked. After 40 years of working for the City, Dr. Patrick Settoon retired. Wendy Montalbano was hired to fill the position, and she has been performing weekly testing, developing new monitoring procedures and ensuring the City provides safe drinking water and effective sewer treatment services.

At the end of 2017, for the fourth quarter time period, the City of Hammond, was on track with the timeline that was submitted in the October 10, 2017 letter. In December 2017, the Hammond began complying information to complete the application to the Clean Water Revolving Loan Fund to secure the money needed for the project. At that time there had been no changes made to the timeline. Below is the original schedule that since has been updated. We anticipated that the schedule would shift a few months, but we were unsure how much time as the loan pre-application had just begun.

City of Hammond Wastewater Ungraded Project	
Procure Funds	Dec. 1, 2017
Complete plans, specifications, and bidding documents	Dec. 15, 2017
Advertising for bids	Dec. 22, 2017
Pre- bid conference	Jan. 9, 2018
Open Bids	Jan. 19, 2018
Award Bids	Jan. 23, 2018

Pre- Construction Conference	Feb., 5, 2018
Begin Construction	Feb. 12, 2018
Complete Construction – estimated 300 days	Dec. 9, 2018
Punch List work completed	Jan. 9, 2019

If you have any question regarding the City of Hammond's response to the Amended Compliance Order, please contact, Wendy Montalbano at 985-277-5971, or montalbano_wa@hammond.org.

Sincerely,

Guy Palermo
Superintendent, Water & Sewer Department.

Cc: Mayor Panepinto
Dr. Lacy Landrum
Chuck Spangler



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

May 24, 2018

Office of Environmental Compliance
LDEQ
P.O. Box 4312
Baton Rouge, La 70821-4312

RE: City of Hammond, Compliance Order
First Quarter 2018 Progress Report
Enforcement Tracking No. WE-C-15-01070C
Agency Interest No. 19578

Dear Mr. Pierce,

Please accept this late response as the required progress report for the 2018, First Quarter that was due to your office by April 15, 2018. As stated in the previous letter, changes in personnel change between Dr. Patrick Settoon, who has retired and Wendy Montalbano, the new City of Hammond Environmental Lab Supervisor, has caused the quarterly progress report to overlook. Ms. Montalbano now had a tracking system in place to ensure these quarterly reports are sent to your office timely.

On January 26, 2018 the City of Hammond formally submitted the pre- application to the Clean Water Revolving Loan Fund. Hammond received a pre-approval letter from LDEQ concerning the loan on February 19, 2018. The City then submitted a Categorical Exclusion Request on May 3, 2018. Currently the City is completing the full application for CWRLF and plans to submit the application by June of 2018.

At this time the City of Hammond is requesting to have the timeline amended to the updated schedule below.

Completed Full Application to CWRLF	June, 2018
Soil Boring Complete	June, 2018
Application to Bond Commission for funding for CWRLF	July 19, 2018
Completed plans, specifications and bidding documents	July 20, 2018
Advertising for Bids	August 22, 2018
Pre-bid Conference	September 6, 2018
Award Bids	September 25, 2018
Pre- Construction Conference	October 13, 2018
Begin Construction	October 24, 2018
Complete Construction- estimated at 300 days	August 19, 2019
Punch List for work Completed	September 18, 2019

Full permit compliance for BOD is expected by August 19, 2019

If you have any question regarding the City of Hammond's response to the Amended Compliance Order, please contact, Wendy Montalbano at 985-277-5971, or montalbano_wa@hammond.org.

Sincerely,

Guy Palermo
Superintendent, Water & Sewer Department.

Cc: Mayor Panepinto
Dr. Lacy Landrum
Chuck Spangler



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

July 6, 2018

Office of Environmental Compliance
LDEQ
P.O. Box 4312
Baton Rouge, La 70821-4312

RE: City of Hammond, Compliance Order
Second Quarter 2018 Progress Report
Enforcement Tracking No. WE-C-15-01070C
Agency Interest No. 19578

Dear Mr. Pierce,

Please accept this response as the required progress report for the 2018, Second Quarter that is due to your office by July 15, 2018.

As stated in pervious progress report, on January 26, 2018 the City of Hammond formally submitted the pre-application to the Clean Water Revolving Loan Fund. Hammond received a pre-approval letter from LDEQ concerning the loan on February 19, 2018. The City then submitted a Categorical Exclusion Request on May 3, 2018. The completed, the full application for CWRLF and plans were submitted as to submit on June 5, 2018. A hard copy of the completed application is included with this letter for your records.

At this time the City of Hammond is awaiting a response from your office as to whether, The Office of Environmental Compliance will expect the revised timeline to complete the improvement project.

Completed Full Application to CWRLF	June, 2018
Soil Boring Complete	June, 2018
Application to Bond Commission for funding for CWRLF	July 19, 2018
Completed plans, specifications and bidding documents	July 20, 2018
Advertising for Bids	August 22, 2018
Pre-bid Conference	September 6, 2018
Award Bids	September 25, 2018
Pre- Construction Conference	October 13, 2018
Begin Construction	October 24, 2018
Complete Construction- estimated at 300 days	August 19, 2019
Punch List for work Completed	September 18, 2019

Full permit compliance for BOD is expected by August 19, 2019

If you have any question regarding the City of Hammond's response to the Amended Compliance Order, please contact, Wendy Montalbano at 985-277-5971, or montalbano_wa@hammond.org.

Sincerely,

Guy Palermo
Superintendent, Water & Sewer Department.

Cc: Mayor Panepinto
Dr. Lacy Landrum
Chuck Spangler



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

11/07/17

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance October 2017

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration 37.8 mg/L	30 mg/L	10/01/17- 10/31/17	30 day average	High flow , insufficient aeration	Currently awaiting facility improvements

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

12/12/17

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance November 2017

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration 36.5 mg/L	30 mg/L	11/01/17- 11/30/17	30 day average	High flow , insufficient aeration	Currently awaiting facility improvements

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

02/08/18

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance January 2018

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration Monthly Average 37 mg/L	30 mg/L	01/01/18- 01/31/18	30 day Average	High flow, insufficient aeration, pretreatment in disrepair	Currently awaiting facility improvements. Pretreatment system has been repaired
BOD concentration Weekly Average 47.1 mg/L	45 mg/L	01/01/2018- 01/31/2018	5 day Average	High flow, insufficient aeration, pretreatment in disrepair	Currently awaiting facility improvements. Pretreatment system has been repaired
BOD Load concentration Monthly Average 2941.1mg/L	2002 lb./day	01/01/2018- 01/31/2018	30 day Average	High flow, insufficient aeration, pretreatment in disrepair	Currently awaiting facility improvements. Pretreatment system has been repaired

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

03/07/18

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance February 2018

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration Monthly Average 33 mg/L	30 mg/L	01/01/18- 01/31/18	30 day Average	High flow, insufficient aeration, pretreatment in disrepair	Currently awaiting facility improvements. Pretreatment system has been repaired
BOD Load concentration Monthly Average 2176mg/L	2002 lb./day	01/01/2018- 01/31/2018	30 day Average	High flow, insufficient aeration, pretreatment in disrepair	Currently awaiting facility improvements. Pretreatment system has been repaired

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

04/09/18

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance March 2018

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration Monthly Average 34.9 mg/L	30 mg/L	01/01/18- 01/31/18	30 day Average	High flow and insufficient aeration	Currently awaiting facility improvements.
BOD Load concentration Monthly Average 2659.4mg/L	2002 lb./day	01/01/2018- 01/31/2018	30 day Average	High flow and insufficient aeration	Currently awaiting facility improvements.

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

05/09/18

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance April 2018

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration Monthly Average 34.9 mg/L	30 mg/L	01/01/18- 01/31/18	30 day Average	High flow and insufficient aeration	Currently awaiting facility improvements.
BOD Load concentration Monthly Average 2659.4mg/L	2002 lb./day	01/01/2018- 01/31/2018	30 day Average	High flow and insufficient aeration	Currently awaiting facility improvements.

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

06/07/18

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance May 2018

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration Monthly Average 36.8 mg/L	30 mg/L	05/01/18- 05/31/18	30 day Average	Insufficient aeration and 1 current aerator is in disrepair.	Currently awaiting facility improvements. Disrepair aerator has been repaired
BOD concentration weekly Average 53.7	45 lb./day	05/01/2018- 05/31/2018	30 day Average	insufficient aeration, and 1 current aerator is in disrepair	Currently awaiting facility improvements. Disrepair aerator has been repaired
No Copper Sample Monthly Ave.		05/01/18- 05/31/18		Discrepancy in chain of custody to contract lab caused the samples to go unanalyzed for Copper	A tracking system has been put in place to ensure samples are taken in an accurate timely manner
No Zinc Sample Monthly Average		05/01/18- 05/31/18		Discrepancy in chain of custody to contract lab caused the samples to go unanalyzed for Copper	A tracking system has been put in place to ensure samples are taken in an accurate timely manner

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

07/09/18

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance June 2018

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD concentration Monthly Average 34.05 mg/L	30mg/L	05/01/18-05/31/18	30 day Average	Insufficient aeration	Currently awaiting facility improvements.
BOD concentration Weekly Average 51.7	45 lb./day	05/01/18-05/31/18	30 day Average	insufficient aeration	Currently awaiting facility improvements

Guy Palermo
City of Hammond
Water and Sewer Superintendent



City of Hammond
Water & Sewer Department
Guy Palermo, Superintendent

Pete Panepinto, Mayor

P.O. Box 2788 Hammond, LA 70404-2788 * PH (985) 277-5962 * FAX (985) 277-5959

Non Compliance Report

August 16, 2018

To: Surveillance Division
Office of Water Resources
P.O. Box 44091
Baton Rouge, La 70804-4091

Re: Permit Number: LA0032338/1135
City of Hammond South Slough Wetland
Non Compliance **July 2018**

Violation	Permit Limit	Date of Violation	Duration of Violation	Cause of Violation	Corrective Action
BOD weekly concentration 46.4mg/L	45 mg/L	07/01/18- 07/31/18	45 weekly day average	insufficient aeration	Currently awaiting facility improvements

Guy Palermo
City of Hammond
Water and Sewer Superintendent

SEWER USE ORDINANCE

Chapter 32 - WATER; SEWERS AND SEWAGE DISPOSAL; UTILITY RATES^[1]

Footnotes:

--- (1) ---

Cross reference— Buildings and building regulations, Ch. 9; electricity, Ch. 13; fire prevention and protection, Ch. 14; flood hazard prevention, Ch. 14.5; garbage, trash and refuse, Ch. 16; health and sanitation, Ch. 17; planning, Ch. 24; plumbing, Ch. 25; streets, sidewalks and public places, Ch. 28; drainage, Ch. 28, Arts. II, III; subdivision regulations, App. A.

ARTICLE I. - IN GENERAL

Sec. 32-1. - Reserved.

Editor's note— Ord. No. 2822, C.S., Art. IV, adopted Oct. 16, 2001, has been treated by the editor as superseding the provisions of former section 32-1 which pertained to the cutting into and tapping of water or sewer mains and derived from Ord. No. 1041, C.S., adopted Feb. 7, 1984.

Sec. 32-2. - Contractors to furnish hydrants.

Contractors are required to furnish Mueller or M and H hydrants on any jobs in the corporate limits.

(Ord. No. 1016, C.S., § 1, 6-21-83)

Editor's note— Nonamendatory Ord. No. 1016, C.S., § 1, adopted June 21, 1983, has been codified as § 32-2 at the editor's discretion.

Sec. 32-3. - Reserved.

Editor's note— Former § 32-3, relative to rates for large commercial and industrial consumers, which derived from Ord. No. 986, C.S., §§ 1—6, adopted Nov. 2, 1982, has been deleted at the discretion of the editor as presumably superseded by the provisions of Ord. No. 2094, adopted Aug. 5, 1986, which set out rates for water and sewer service. See Art. V of this chapter.

Secs. 32-4—32-15. - Reserved.

ARTICLE II. - SEWERS AND SEWAGE DISPOSAL^[2]

Footnotes:

--- (2) ---

Editor's note— Ord. No. 2822, C.S., Arts. I—XV, adopted Oct. 16, 2001, has been treated by the editor as superseding former Art. II, Divs. 1—5, which pertained to similar subject matter and derived from Ord. No. 331, C.S., §§ 3, 4, 7-14-59; Ord. No. 429, C.S., 1—3, 4-21-64; Ord. No. 463, C.S., 1, 2, 7-20-65; Ord. No. 665, C.S., Arts. I—VIII, 6-25-74.

DIVISION 1. - GENERALLY

Sec. 32-16. - Definitions.

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

Annual bond principal and interest payments. All of those funds that are paid to retire bonded indebtedness and the interest on those bonds that are the liabilities of the Water and Sewer Department.

Apartment. One of two (2) or more self-contained dwelling units under a common roof. Will be billed as a commercial customer if they are served by a common master meter.

Audit period, standard fiscal year of operation. This is normally from July 1 of one (1) year until June 30 of the following year, but may be changed upon recommendation of the independent auditor and approval by the council and the state legislative auditor.

BOD (denoting biochemical oxygen demand). The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees C, expressed in milligrams per liter.

Bond reserve payments. All of those required payments made into funds that are required to be held in reserve to insure payment of the particular bond issues.

Building drain. That part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.

Building sewer. The extension from the building drain to the public sewer or other place of disposal.

Calculation period. The annual operating expenses shall be calculated based on the standard fiscal year of operation. This is normally from July 1 of one (1) year until June 30 the following year, but may be changed upon recommendation the designated independent auditor and approval by the council.

Capital improvements. Those improvements to the sewer and water system that are approved by the council as part of the annual budget adoption procedure and are part of the normal five year capital outlay budget. This also includes those items that are purchased or constructed due to unforeseen circumstances or emergencies and were done with the knowledge and consent of the council.

City. Hammond, LA.

Combined sewer. shall mean a sewer receiving both surface run-off and sewage.

Commercial. Non-residential.

Contingency amount. The amount of money determined by generally accepted governmental accounting principals that to be held aside and used only for unforeseen emergency needs, not to exceed ten (10) per cent of total operating expenses.

Customer. A duly authorized and registered account of the sewer and water department that receives services and is billed for said services in the regular billing cycle.

Excursion. Any variation from the limits imposed by the state DEQ discharge permit for the City of Hammond.

Gallons sold. The total number of gallons of water sold to customers of record and whose consumption was metered and recorded.

Garbage. Solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce, excluding sewerage.

Independent auditor. That outside auditing firm retained by the council to perform the annual city audit.

Industrial wastes. The liquid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary sewage.

Natural outlet. Any outlet into a watercourse, pond, ditch, lake, or other body of surface or ground water.

Operating expenses. All expenses incurred as a result of the operation of the sewer and water department as determined by generally accepted governmental accounting principals consistent with the intent of this article and reported in the city's annual audited financial statements.

Permit limits. The discharge parameters provided by the State Department of Environmental Quality to the City of Hammond in its discharge permit application.

Person. Any individual firm, company, association, society, corporation, or group as defined in Louisiana Civil Code Art 24.

pH. The logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.

Properly shredded garbage. The wastes from the preparation, cooking, and dispensing food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half ($\frac{1}{2}$) inch (1.27 centimeters) in any direction.

Public sewer. A sewer in which all owners of abutting properties have equal rights, and is controlled by public authority.

Residential. Location where people reside on a permanent basis. Apartment complex will be considered commercial if using a master meter.

Sanitary sewer. A sewer that carries sewage and to which storm, surface, and ground waters are not intentionally admitted.

Service line—City maintenance responsibility. The segment of sewer service line or lateral from the property line cleanout to the sewer main line. If no recognized cleanout exists at or within two (2) feet of the property line/street right-of-way, the city assumes no service line maintenance responsibility.

Service line—Customer maintenance responsibility. The segment of sewer service line or lateral from the customer structure(s) to the sewer main. If a recognized cleanout exists on the service line at or within two feet (2) of the property line/street right-of-way, the customer assumes service line maintenance responsibility from the customer structure(s) to the property line cleanout; the city assumes line maintenance responsibility from the property line cleanout to the sewer main line.

Sewage. A combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface, and storm waters as may be present.

Sewage treatment plant. Any arrangement of devices and structures used for treating sewage.

Sewage works. All facilities for collecting, pumping, treating, and disposing of sewage.

Sewer. A pipe or conduit for carrying sewage.

Sewer treatment/user fee. The fee shall be calculated at two (2) times the cost of water production. The sewer treatment fee shall not apply to water that is metered separately and does not enter the sewer treatment system. *Shall*, is mandatory; *may*, is permissive.

Slug. Any discharge of water, sewage or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.

Storm drain. (sometimes termed "storm sewer") shall mean a sewer which carries storm and surface waters and drainage, but excludes sewage and industrial wastes, other than unpolluted cooling water.

Student count. The sum of the number of students registered at a particular public or private educational institution for the nine-month school year divided by twelve (12) for the previous audit year. This count shall be recalculated and changed once a year in September. (Rate differs for SLU)

Superintendent. The superintendent of water and sewage works of the City of Hammond, or his authorized deputy, agent, or representative.

Total suspended solids. Solids that either float on the surface of, or are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering, expressed in milligrams per liter.

Unit. A single family dwelling, portable buildings, an individual apartment, a separate business entity.

Un-funded mandated expenditures. Funds spent pursuant to an order of compliance or other regulation or court order that has been imposed on the City of Hammond by any regulatory agency or body empowered to regulate the operation of the sewer and water department.

Water only meter. Meter which is installed for the consumption of water that is not discharged into the sewer system. (Example: lawn sprinkler system)

Watercourse. A channel in which a flow of water occurs, either continuously or intermittently.

(Ord. No. 2822, C.S., Art. I, 10-16-01)

Sec. 32-17. - Use of public sewers required.

- (a) It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property, or in any area under the jurisdiction of said city, any human or animal excrement, garbage, or other putrefied or non-putrefied waste.
- (b) It shall be unlawful to discharge to any natural outlet, or in any area under the jurisdiction of said city, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this article.
- (c) Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage, where public sewer access is available in accordance with state, and local law (see subsection 32-17(d) and subsection 32-18(a)).
- (d) The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the city and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sanitary or combined sewer of the city, is hereby required at his/her expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this ordinance, within ninety (90) days after the date of official notice to do so, provided that said public sewer is within three hundred (300) feet (91.5 meters) of the property line and provided that the public sanitary sewer is at an elevation to receive the owner's sewer by gravity flow.
- (e) All private and non-profit businesses and public agencies are hereby required to provide city and state approved toilet and sanitation facilities on site for the use of employees and customers. Except as allowed by waivers, such as in the temporary city approval of itinerant vendors, such plumbing and health facilities shall be approved by the city building department, and in applicable cases, by the parish sanitarian.

(Ord. No. 2822, C.S., Art. II, 10-16-01)

Sec. 32-18. - Private sewage disposal.

- (a) Where a public sanitary or combined sewer is not available under the provisions of subsection 32-17(d), the building sewer shall be connected to a private sewage disposal system complying with the provisions of this section, and the requirements of the parish sanitarian (health department).
- (b) Before commencement of construction of a private sewage disposal system the owner shall first obtain a written permit signed by the superintendent of the city sewerage department. The application for such permit shall be made on a form furnished by the city, which the applicant shall supplement by any plans, specifications, or other information as are deemed necessary by the

superintendent. A permit and inspection fee in accordance with Article V, Div. 2 of this chapter herein shall be paid to the city at the time the application is filed.

- (c) A permit for a private sewage disposal system shall not become effective until the installation is completed to the satisfaction of the superintendent. He shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the superintendent when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within seventy-two (72) hours of the receipt of notice by the superintendent, or as soon as possible to avoid delay. The parish sanitarian may also inspect such facilities.
- (d) The type, capacities, location, and layout of a private sewage disposal system shall comply with all recommendations of the Department of Public Health of the State of Louisiana. No permit shall be issued for any private sewage disposal employing subsurface soil absorption facilities where the area of the lot is less than fifteen thousand (15,000) square feet (1,393.5 square meters). No septic tank or cesspool shall be permitted to discharge to any natural drain outlet.
- (e) At such time as a public sewer becomes available to a property served by a private sewage disposal system, as provided in subsection 32-18(d), a direct connection shall be made to the public sewer in compliance with this ordinance, and any septic tanks, cesspools and similar private sewage disposal facilities shall be abandoned and filled with suitable material.
- (f) The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times and at no expense to the city.
- (g) No statement contained in this section shall be construed to interfere with any additional requirements that may be imposed by the health officer of the city or state.
- (h) When a public sewer becomes available, the building sewer shall be connected to said sewer within ninety (90) days and the private sewage disposal system shall be cleaned of sludge and filled with clean bank-run gravel or dirt.

(Ord. No. 2822, C.S., Art. III, 10-16-01)

Sec. 32-19. - Protection from damage.

No unauthorized personnel shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is part of the sewage works. Any person violating this provision shall be subject to immediate arrest under the charge of disorderly conduct.

(Ord. No. 2822, C.S., Art. VI, 10-16-01)

Sec. 32-20. - Penalties.

- (a) Any person found to be violating any provision of this article and Article V of this chapter except section 32-19, shall be served by the city with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.
- (b) Any person found to have violated section 32-19 may be prosecuted under any applicable city ordinance or state statute, at the discretion of the city.
- (c) Any person who shall continue any violation beyond the time limit provided for in subsection (a) of this section shall be guilty of a misdemeanor, and on conviction thereof shall be fined in the amount not exceeding five hundred dollars (\$500.00) for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

- (d) Any person violating any of the provisions of this article and Article V of this chapter shall become liable to the city for any expense, loss, or damage occasioned by the city by reason of such violation. This includes fees and fines for unauthorized tapping or cutting in to water and sewer lines.
- (e) The city may, in addition to the above and foregoing penalties enforce the provisions of this article and Article V of this chapter through any civil action, remedy, or relief, including, but not limited injunctive relief, fines, penalties, and any other remedy provided for by law in any court of competent jurisdiction.

(Ord. No. 2822, C.S., Art. XV, 10-16-01)

Secs. 32-21—32-30. - Reserved.

DIVISION 2. - WATER AND SEWER CONNECTIONS; TIE-INS

Sec. 32-31. - Permit required.

No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any public water or sewer or appurtenance thereof without first obtaining a written permit from the superintendent. Such connections must be completed to meet city standards and must be inspected by city personnel before covering such connections.

(Ord. No. 2822, C.S., Art. IV, § 1, 10-16-01)

Sec. 32-32. - Cutting into, tapping mains restricted.

(a) *Prohibition:*

- (1) It shall be unlawful for any person, except an authorized employee of the city in the discharge of his duty, and except for qualified plumbing contractors who have applied for and received the permit hereinafter provided for to the extent specified in such permit, to tamper with, cut, drill or break into any of the public water or sewerage lines or meters in the city or to make connections to or from such mains, and all persons not authorized as provided herein are hereby prohibited from so doing.
- (2) Unauthorized tapping into any water or sewer line is prohibited.

- (b) *Permit:* When it is necessary or advisable to break or cut into any of such mains for the purpose of making connections thereto, such work shall be done only by a qualified plumbing contractor qualified to follow such occupation under the laws of the state, and before doing so such qualified plumbing contractor shall make written application to the city for permission, to make such connection, specifying in such application for whom he is making such connection, the exact place where same is to be made, the date and time when he intends to do such work, and stipulating therein that he will be liable to the city for any loss or damage that may be occasioned by his negligence or lack of skill in performing the contemplated connection. After receipt of such application, the mayor, after investigating into the proposed work and the qualifications of the applicant as a qualified plumbing contractor, if he is satisfied that the work is regular and that the applicant is a qualified plumbing contractor, shall issue a permit to him, authorizing him to perform such work at the time and as specified in the application.

(c) *Street repair:*

- (1) For water or sewers lines located within the limits of paved streets or intersections, for which tapping of said lines by qualified plumbing contractors requires the removal of portions of street paving, either asphalt or concrete surfaces, qualified plumbing contractors shall at their own expense first remove existing street surfaces in a neat fashion such that the existing pavement is removed a width twelve (12) inches wider on each side of the trench or excavation to be

made to reach the newer. Upon completion of the sewer or water tap and inspection of said work by the city's sewer superintendent, the qualified plumbing contractor shall backfill the entire excavation within the street and to a distance of five (5) feet beyond the street surface with clean granular material (sand), and the top twelve (12) inches to be crushed limestone.

- (2) The contractor shall be charged a fee of ten dollars (\$10.00) per square foot for all pavement replacement, to be accomplished in the city.
- (3) For water or sewer lines located outside of existing street surfaces, but on the opposite side of the street from which service is desired the qualified plumbing contractor shall at his own expense bore under the street from pits located no closer than five (5) feet from the edge of existing streets. Should the sewer be located so near the street that a portion of street surface must be cut, the plumbing contractor shall repair excavation the same as outlined above for excavation into streets. The plumbing contractor shall be required to protect any excavations by timber sheeting if deemed necessary by the sewer superintendent to minimize the width and extent of excavations. Exhibit "A," "Street Repair Details, Water and Sewer Tap-Ins" is attached and made a part hereby of this article.

(Ord. No. 2822, C.S., Art. IV, § 2, 10-16-01)

Sec. 32-33. - Classes of building sewer permits.

There shall be two (2) classes of building sewer permits: (a) for residential and commercial service, and (b) for service to establishments producing industrial wastes. In either case, the owner or his agent shall make application on a special form furnished by the city. The permit application shall be supplemented by any plan, specifications, or other information considered pertinent in the judgment of the superintendent. A permit and inspection fee for a residential or commercial building sewer permit and for an industrial building sewer permit shall be paid to the city at the time the application is filed. (See fees in section 32-160).

(Ord. No. 2822, C.S., Art. IV, § 3, 10-16-01)

Sec. 32-34. - Costs to be borne by owner.

All costs and expense incident to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the city from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

(Ord. No. 2822, C.S., Art. IV, § 3, 10-16-01)

Sec. 32-35. - Separate lines for each building; exception.

A separate and independent building sewer and water line and tap shall be provided for every building; except where a building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, courtyard, or driveway. The building sewer from the front building may be extended to the rear building and the whole considered as one (1) building sewer.

(Ord. No. 2822, C.S., Art. IV, § 5, 10-16-01)

Sec. 32-36. - Use of old building sewer and water lines.

Old building sewer and water lines may be used in connection with new buildings only when they are found, on examination and test by the superintendent, to meet all requirements of this article.

(Ord. No. 2822, C.S., Art. IV, § 6, 10-16-01)

Sec. 32-37. - Construction of building sewer and water lines.

The size, slope, alignment, materials of construction of a building sewer or water line, and the methods to be used in excavating, placing of pipe, jointing, testing, and backfilling the trench, shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the city.

(Ord. No. 2822, C.S., Art. IV, § 7, 10-16-01)

Sec. 32-38. - Elevation.

Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor.

(Ord. No. 2822, C.S., Art. IV, § 8, 10-16-01)

Sec. 32-39. - Connection of surface runoff or groundwater drains to building sewer prohibited.

No person shall make connection of roof downspouts, exterior foundation drains, swimming pool drains, car wash drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or building drain, which in turn is connected directly or indirectly to a public sanitary sewer.

(Ord. No. 2822, C.S., Art. IV, § 9, 10-16-01)

Sec. 32-40. - Connection to public sewer or water lines.

The connection of the building sewer or water tap into the public sewer or water line shall conform to the requirements of the building and plumbing code or other applicable rules and regulations of the city. All such connections shall be made gastight and watertight. Any deviation from the prescribed procedures and materials must be approved by the superintendent before installation.

(Ord. No. 2822, C.S., Art. IV, § 10, 10-16-01)

Sec. 32-41. - Notification for inspection.

The applicant for the building sewer and water permit shall notify the superintendent when the building sewer and water is ready for inspection and connection to the public water or sewer system. The connection shall be made under the supervision of the superintendent or his representative.

(Ord. No. 2822, C.S., Art. IV, § 11, 10-16-01)

Sec. 32-42. - Responsibility for maintenance.

Responsibility for tie-in, maintenance, and repair, or existing sewer service laterals shall be by the customer. At the customer's option, the city may assume maintenance responsibility of the service line from the sewer main line to the property line/right-of-way line, provided the customer properly installs a

sewer cleanout at or within two (2) feet of the property line. Acceptance by the city of said installation and resulting transfer of maintenance responsibility of the service line segment located within a public right-of-way shall be determined by compliance with the specifications as described in section 32-34 through 32-41 of this article. It shall be the responsibility of the city sewer superintendent to keep a written log of the location(s) of clean-out(s) accepted by the city.

(Ord. No. 2822, C.S., Art. IV, § 12, 10-16-01)

Secs. 32-43—32-50. - Reserved.

DIVISION 3. - USE OF PUBLIC SEWERS AND NATURAL OUTLETS

Sec. 32-51. - Discharge of stormwater prohibited.

No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process water to any sanitary sewer.

(Ord. No. 2822, C.S., Art. V, § 1, 10-16-01)

Sec. 32-52. - Designation of sewers for storm water, other unpolluted drainage.

Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as combined sewers or storm sewers, or to a natural outlet approved by the superintendent. Industrial cooling water or unpolluted process waters may be discharged, on approval of the superintendent, to a storm sewer, combined sewer, or natural outlet.

(Ord. No. 2822, C.S., Art. V, § 2, 10-16-01)

Sec. 32-53. - Prohibited discharges generally.

No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

- (1) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
- (2) Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or in interaction with other wastes to injure or interfere with the sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard to the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of two (2) mg/l as CN in the wastes as discharged to the public sewer.
- (3) Any waters or wastes having a pH lower than 5.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the sewage works.
- (4) Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.

(Ord. No. 2822, C.S., Art. V, § 3, 10-16-01)

Sec. 32-54. - Specific discharge restrictions.

- (a) No person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the superintendent that such wastes can harm either the sewers, sewage treatment process, or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the superintendent will give consideration to such factors as to quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment process, degree of treat ability of wastes in the sewage treatment plant, and other pertinent factors.
- (b) The substances prohibited are:
 - (1) Any liquid or vapor having a temperature higher than one hundred fifty (150 degrees F) (65 degrees C).
 - (2) Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) degrees F (0 and 65 degrees C).
 - (3) Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths ($\frac{3}{4}$) horsepower (0.76 hp metric) or greater shall be subject to the review and approval of the superintendent.
 - (4) Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.
 - (5) Any waters or wastes containing iron, chromium, copper, zinc, mercury, and similar objectionable or toxic substances; or wastes exerting an excessive chlorine requirement, to such degree that any material received in the composite sewage at the sewage treatment works exceeds the limits established by the superintendent for such materials.
 - (6) Any waters or wastes containing phenols or other taste or odor producing substances, in such concentration exceeding limits which may be established by the superintendent as necessary, after treatment of the composite sewage, to meet the requirements of the state, federal, other public agencies of the jurisdiction for such discharge to the receiving waters.
 - (7) Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the superintendent in compliance with applicable state or federal regulations.
 - (8) Any waters or wastes having a pH in excess of 9.5.
 - (9) Materials that exert or cause:
 - a. Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate);
 - b. Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions),
 - c. Unusual BOD, chemical oxygen demand, ammonia concentration, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works in the determination of the superintendent.
 - d. Unusual volume of flow or concentration of wastes constituting "slugs" as defined herein.
 - (10) Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

(11) Waters or waste considered hazardous by EPA or DEQ standards.

(Ord. No. 2822, C.S., Art. V, § 4, 10-16-01)

Sec. 32-55. - Action of superintendent upon discharge of wastes having deleterious effect upon sewerage works, etc.

- (a) If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in section 32-54, and which in the judgment of the superintendent, may have a deleterious effect upon the sewage works, processes, equipment, receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the superintendent may:
 - (1) Reject the wastes;
 - (2) Require pretreatment to an acceptable condition for discharging to the public sewers;
 - (3) Require control over the quantities and rates of discharge; and/or
 - (4) Require payment to cover the added cost of handling and treating the wastes not covered by existing taxes or sewer charges under the provisions of section 32-60 of this article.
- (b) If the superintendent permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the superintendent and subject to the requirements of all applicable codes, ordinances, and laws.

(Ord. No. 2822, C.S., Art. V, § 5, 10-16-01)

Sec. 32-56. - Grease, oil and sand interceptors.

Grease, oil, and sand interceptors shall be provided when, in the judgment of the superintendent, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the superintendent, and shall be located as to be readily and easily accessible for cleaning and inspection.

(Ord. No. 2822, C.S., Art. VI, § 6, 10-16-01)

Sec. 32-57. - Maintenance of preliminary treatment and flow-equalizing facilities.

Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

(Ord. No. 2822, C.S., Art. V, § 7, 10-16-01)

Sec. 32-58. - Control manholes.

For buildings within Zones "L," and "H," and if otherwise required by the superintendent, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessible and safely located, and shall be constructed in accordance with plans approved by the superintendent. The manhole shall be installed by the owner at his expense, and shall be maintained by him so as to be safe and accessible at all times.

(Ord. No. 2822, C.S., Art. V, § 8, 10-16-01)

Sec. 32-59. - Measurements, tests and analyses.

All measurements, tests, and analyses of the characteristics of water and wastes to which reference is made in this division shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hours composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and total suspended solids analyses are obtained from twenty-four (24) hour composites of all outfalls whereas pH's are determined from periodic grab samples.)

(Ord. No. 2822, C.S., Art. V, § 9, 10-16-01)

Sec. 32-60. - Special agreements with industrial concerns.

No statement contained in this article shall be construed as preventing any special agreement or arrangement between the city and any industrial concern whereby, an industrial waste of unusual strength or character may be accepted by the city for treatment, subject to payment therefore, by the industrial concern.

(Ord. No. 2822, C.S., Art. V, § 10, 10-16-01)

Sec. 32-61. - Powers and authority of inspectors.

- (a) The superintendent and other duly authorized employees of the city bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this article. The superintendent and/or his representatives shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the sewers or waterways or facilities for waste treatment.
- (b) While performing the necessary work on private properties referred to in subsection 32-61(a), above, the superintendent or duly authorized employees of the city shall observe all safety rules applicable to the premises established by the company and provided in advance in writing to the superintendent. Upon doing so, the company shall be held harmless for injury or death to said city employees. Furthermore, upon doing so, the city shall indemnify the company against loss or damage to its property occasioned by city employees and against claims and demands for bodily injury or property damage asserted against the company and arising out of the acts of city employees on the premises. However, the city shall not hold harmless or indemnify any company, person or persons for any damage or damages arising out of the negligence or intentional acts or failure to act of the company and/or its officers, agents and/or employees.
- (c) The superintendent and other duly authorized employees of the city bearing proper credentials and identification shall be permitted to enter all private properties through which the city holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement.

All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

- (d) Nothing herein shall be construed as a waiver of any right which may now or in the future may be vested in the City of Hammond, the superintendent and/or other duly authorized employees of the city to interrupt and/or eliminate water and/or sewer service to any person and/or account for any reason allowed by law.

(Ord. No. 2822, C.S., Art. VII, 10-16-01)

Secs. 32-62—32-70. - Reserved.

DIVISION 4. - WASTEWATER DISCHARGE REGULATIONS

Sec. 32-71. - Definitions.

For the purposes of this division the following definitions shall apply unless the context clearly indicates or requires a different meaning.

Approved. Means that the control authority accepts as satisfactory, based upon the data available, or that there is not an objection with the proposal submitted, it is not the authority's responsibility to certify that such approval will actually demonstrate compliance with existing or future regulations since it is the sole responsibility of the person requiring approval to demonstrate compliance with this division or other applicable regulations.

BOD (biochemical oxygen demand). The quantity of oxygen by weight, expressed in milligrams per liter, utilized in the biochemical oxidation of organic matter under standard laboratory conditions for five (5) days at a temperature of 20°C.

Building sewer. The extension from the building drain to the public sewer or other place of disposal (also called lateral and house connection).

City. The term "city" shall mean the City of Hammond.

COD (chemical oxygen demand). Measure of the oxygen consuming capacity of inorganic or organic matter present in the water or waste water expressed in milligrams per liter as the amount of oxygen consumed from a chemical oxidant in a specific test, but not differentiating between stable and unstable organic matter and thus not necessarily correlating with biochemical oxygen demand.

Composite sample. A sample consisting of a minimum of three (3) grab samples of effluent collected at regular intervals over a normal operating day which may be combined proportional to flow, or a sample continuously collected proportional to flow over a normal operating day.

Control authority. (Also *authority.*) Means the mayor of Hammond or any duly authorized or designated representative of the mayor's.

Control manhole. A manhole giving access to a building sewer at some point before the building sewer discharge mixes with other discharges in the public sewer.

Control point. A point of access to a course of discharge between the point of origination of the discharge and the point at which the discharge mixes with other discharges in the public sewer.

Garbage. Animal and vegetable matter wastes and residue from preparation, cooking and dispensing of food; and from the handling and processing, storage and sale of food products and produce.

Grab sample. An individual sample of effluent collected in less than fifteen (15) minutes.

Industrial user (IU). Any person, including but not limited to, any individual firm, partnership, corporation, association, municipality or any other legal entity, who discharges or desires to discharge industrial wastes to the wastewater facilities of the city.

Industrial waste. Waste resulting from any process of industry, manufacturing, trade or business from the development of any natural resource, or any mixture of the waste with water or normal waste water, or distinct from normal wastewater.

Industrial waste charge. The charge made on those persons who discharge industrial wastes into the city's sewage system.

Micrograms per liter ($\mu\text{g/L}$). The same as parts per billion and is a weight-to-volume ratio; the micrograms per liter value multiplied by the factor 0.00834 shall be equivalent to pounds of analyte per million gallons of wastewater discharged.

Milligrams per liter (mg/l). The same as parts per million and is a weight-to-volume ratio; the milligram-per-liter value multiplied by the factor 8.34 shall be equivalent to pounds per million gallons of water.

Natural outlet. Any outlet into a watercourse, ditch, lake or other body of surface water or groundwater.

Normal domestic wastewater. Wastewater, excluding industrial wastewater, discharged by a person into sanitary sewers and in which the average concentration of total suspended solids is not more than two hundred fifty (250) milligrams per liter and BOD is not more than two hundred fifty (250) milligrams per liter.

Overload. The imposition of organic or hydraulic loading on a treatment facility in excess of its engineered design capacity.

Permit. A permit to discharge industrial wastewater to the sanitary sewer as issued by the control authority.

pH. The reciprocal of the logarithm (base 10) of the hydrogen ion concentration expressed in grams per liter.

Public sewer. Pipe or conduit carrying wastewater or unpolluted drainage in which owners of abutting properties shall have the use, subject to control by the city.

Sanitary sewer. A public sewer that conveys domestic wastewater or industrial wastes or a combination of both, and in which storm water, surface water, groundwater and other unpolluted wastes are not intentionally passed.

Sewer service surcharge. A surcharge applied to the monthly water and sewer charges billed to the SIU based on an excessive discharge of industrial waste by the SIU.

Significant industrial user (SIU). Any industrial user who is connected to the city's domestic wastewater collection system and meets at least one of the following criteria:

- (1) Discharges fifty thousand (50,000) gallons per day or more of wastewater.
- (2) Discharges BOD at concentrations greater than two hundred forty (240) mg/L and/or total suspended solids at concentrations greater than ninety (90) mg/L and/or COD at a concentration greater than four hundred (400) mg/L.
- (3) Is an industrial category regulated by National Pretreatment Standards (Categorical Pretreatment Standards) as promulgated by the United States Environmental Protection Agency.
- (4) Is deemed by the control authority to be a significant discharge source that alone or combined with other sources may cause pass through, interference, sludge contamination, or biological toxicity in the wastewater treatment plant, or may cause the wastewater treatment plant to violate its national pollutant discharge elimination system permit.

Slug. Any discharge of water, wastewater or industrial waste which in concentration of any given constituent or in quantity of flow, exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four-hour concentration or flows during normal operation.

Standard methods. The examination and analytical procedures set forth in the latest edition, at the time of analysis of "Standard Methods for the Examination of Water and Wastewater" as prepared, approved and published jointly by the American Public Health Association, the American Water Works Association and the Water Environment Federation.

Storm sewer. A public sewer which carries storm and surface waters and drainage and into which domestic wastewater or industrial wastes are not intentionally passed.

Storm water. Rainfall or any other forms of precipitation.

Suspended solids (SS) or total suspended solids (TSS). Solids measured in milligrams per liter that either float on the surface of, or are in suspension in, water, wastewater or other liquids, and which are largely removable by a laboratory filtration device.

To discharge. To deposit, conduct, drain, emit, flow, run, allow to seep or otherwise release or dispose of, or to allow, permit or suffer any of these acts or omissions.

Total toxic organic. The sum of all detected concentrations greater than ten micrograms per liter for all organic compounds classified as priority pollutants by the United States Environmental Protection Agency.

Trap. A device designed to skim, settle or otherwise remove grease, oil, sand, flammable wastes or other harmful substances.

Unpolluted wastewater. Water containing:

- (1) No free or emulsified grease or oil;
- (2) No acids or alkalies;
- (3) No phenols or other substances producing taste or odor in the receiving waters;
- (4) No toxic or poisonous substances in suspension, colloidal state or solution;
- (5) No noxious or otherwise obnoxious or odorous gases;
- (6) Not more than ten (10) milligrams per liter each of suspended solids and BOD; and
- (7) Color not exceeding fifty (50) units as measured by the platinum-cobalt method of determination as specified in "Standard Methods."

Waste. Rejected, unutilized or superfluous substances in liquid, gaseous or solid form resulting from domestic, agricultural or industrial activities.

Wastewater. A combination of the water-carried waste from residences, business buildings, institutions and industrial establishments, together with any ground, surface and storm waters that may be present.

Wastewater facilities. All facilities for collection, pumping, treating and disposing of wastewater and industrial wastes.

Wastewater service charge. The charge on all users of the public sewer system whose wastes do not exceed in strength the concentration values established as representative of normal wastewater.

Wastewater service surcharge. The charge assessed on a user of the public sewer system whose wastes exceed in strength the concentration values established as representative of normal wastewater. The surcharge assessment is added to the monthly water and sewer service charges and is calculated by doubling of the water service charge for the month in which the violation occurs.

Wastewater treatment plant. Any city owned facilities, devices and structures used for receiving, processing and treating wastewater, industrial waste and sludges from the sanitary sewers.

Water service charge. The charge assessed on all users of the public potable (drinking) water system.

Watercourse. A natural or man-made channel in which a flow of water occurs, either continuously or intermittently.

(Ord. No. 08-5096, C.S., § 1, 7-15-08; Ord. No. 13-5354, C.S., 10-15-13; Ord. No. 15-5427, C.S., § 1, 6-2-15)

Sec. 32-72. - Prohibited discharges.

- (a) No person may discharge to public sewers any waste which by itself or by interaction with other wastes may:
 - (1) Injure or interfere with wastewater treatment processes or facilities;
 - (2) Constitute a hazard to humans or animals;
 - (3) Create a hazard in wastewater treatment residues or sludge or in receiving waters of the wastewater treatment plant effluent; or
 - (4) Cause a biological toxicity in the treatment plant or receiving stream.
- (b) All discharges shall conform to requirements of this division.
- (c) To enable the highest degree of treatment in the most economical manner possible and to comply with federal and state regulations, certain solids liquids and gases are hereby prohibited from entering the public sewer system in excess of standards as set by those federal and state regulations. The prohibitive discharges listed herein shall apply at the point of entry into a public sewer, unless otherwise granted by permit.
- (d) Federal and state regulatory agencies periodically modify standards on prohibitive discharges; therefore, revisions to, additions to or deletions from the items listed in this division or in a permit will become necessary to comply with these latest standards. Upon the basis of city industrial waste discharge permit policies, all affected industrial users will by written notice be informed of the change within ninety (90) days of that change.

(Ord. No. 08-5096, C.S., § 2, 7-15-08)

Sec. 32-73. - Chemical discharges.

- (a) No waste or wastewater discharged to public sewers may contain:
 - (1) Any fats, waxes, greases or oils, whether emulsified or not, in excess of one hundred (100) milligrams per liter, or substances which may solidify or become viscous at temperatures between 32°F and 150°F (0°C and 65°C);
 - (2) Objectionable or toxic substances exerting an excessive chlorine requirement, to such degree that any material received in the composite wastewater at the wastewater treatment works exceeds the limits established by the control authority for those materials; or
 - (3) Obnoxious, toxic, flammable, explosive or poisonous solids, liquids or gases in quantities sufficient to violate the provisions of section 32-74(d).
- (b) No waste, wastewater or other substance may be discharged into public sewers which has a pH lower than 6.0 or higher than 10.0 or any other corrosive property capable of causing damage or hazard to structures, equipment and personnel at the wastewater facilities.
- (c) All waste, wastewater or other substance containing phenols, hydrogen sulfide or other taste- and odor-producing substances shall conform to concentration limits established by the control authority. After treatment of the composite wastewater, concentrations limits may not exceed the requirements established by federal, state or other agencies with jurisdiction over discharges to the receiving waters.

(Ord. No. 08-5096, C.S., § 3, 7-15-08)

Sec. 32-74. - Heavy metals and toxic materials.

- (a) No discharges may contain concentrations of heavy metals greater than amounts specified in subsection (b) of this section.
- (b) The maximum allowable concentrations of any wastes or waters, stated in terms of milligrams per liter, determined on the basis of daily composite sampling in accordance with "Standard Methods" are:

Composite Sample	
Pollutant	(in mg/l)
Arsenic	0.1
Barium	2.0
Boron	—
Cadmium	0.1
Chromium (Total)	3.5
Copper	0.020
Cyanides	—
Hydrogen Sulfide	1.0
Lead	2.0
Manganese	3.5
Mercury	0.000025
Nickel	1.5
Selenium	0.05
Silver	0.25

Zinc	0.200
Total Toxic Organics (TTO)	—

The maximum allowable concentrations of any wastes or waters, stated in terms of milligrams per liter, determined on the basis of grab sampling in accordance with "Standard Methods" are:

Grab Sample	
Pollutant	(in mg/l)
Arsenic	0.2
Barium	4.0
Boron	1.0
Cadmium	0.25
Chromium (Total)	7.0
Copper	0.020
Cyanides	1.0
Hydrogen Sulfide	1.0
Lead	4.0
Manganese	7.5
Mercury	0.000025
Nickel	3.0
Selenium	0.1
Silver	0.5

Zinc	0.200
Total Toxic Organics	2.0

- (d) No other heavy metals or toxic, flammable or explosive materials may be discharged into public sewers without a permit from the control authority specifying conditions of pretreatment, concentrations, volumes and other applicable provisions.
- (e) Prohibited heavy metals and toxic materials may include but are not limited to:
- (1) Rhenium
 - (2) Strontium
 - (3) Tellurium
 - (4) Herbicides
 - (5) Fungicides
 - (6) Pesticides

(Ord. No. 08-5096, C.S., § 4, 7-15-08; Ord. No. 10-5197, C.S., 3-2-10)

Sec. 32-75. - Garbage.

- (a) No person may discharge garbage into public sewers unless it is shredded to a degree that all particles can be carried freely under the flow conditions normally prevailing in public sewers. Particles greater than one-half ($\frac{1}{2}$) inch in any dimensions are prohibited.
- (b) The Control authority is entitled to review and approve the installation and operation of any garbage grinder equipped with a motor of three-quarters ($\frac{3}{4}$) horsepower (0.76 hp metric) or greater.

(Ord. No. 08-5096, C.S., § 5, 7-15-08)

Sec. 32-76. - Stormwater and other unpolluted drainage.

No person may discharge to public sanitary sewers:

- (1) Unpolluted storm water, surface water, groundwater, roof runoff or surface drainage; or
- (2) Other drainage.

(Ord. No. 08-5096, C.S., § 6, 7-15-08)

Sec. 32-77. - Temperature restrictions.

No person may discharge liquid or vapor having a temperature higher than 150°F (65°C), or any substance which causes the temperature of the total wastewater treatment plant influent to increase at a rate of 10°F or more per hour, or a combined total increase plant influent temperature to 110°F.

(Ord. No. 08-5096, C.S., § 7, 7-15-08)

Sec. 32-78. - Radioactive wastes.

- (a) No person may discharge radioactive wastes or isotopes into public sewers without the permission of the control authority.
- (b) The control authority may establish, in compliance with applicable federal and state regulations, regulations for discharge of radioactive wastes into public sewers.

(Ord. No. 08-5096, C.S., § 8, 7-15-08)

Sec. 32-79. - Impairment of facilities.

- (a) No person may discharge into public sewers any substance capable of causing:
 - (1) Obstruction to the flow in sewers;
 - (2) Interference with the operation of treatment processes or facilities; or
 - (3) Excessive loading of treatment facilities.
- (b) Discharges prohibited by subsection (a) of this section include, but are not limited to materials which exert or cause concentrations of:
 - (1) Inert suspended solids greater than two hundred (200) milligrams per liter including but not limited to:
 - a. Fuller's earth;
 - b. Lime slurries; and
 - c. Lime residues.
 - (2) Dissolved solids greater than two hundred (200) milligrams per liter including but not limited to:
 - a. Sodium chloride; and
 - b. Sodium sulfate.
 - (3) Excessive discoloration including but not limited to:
 - a. Dye wastes; and
 - b. Vegetable tanning solutions.
 - (4) BOD, COD or chlorine demand in excess of normal plant capacity.
- (c) No person may discharge into public sewers any substance that may:
 - (1) Deposit grease or oil in the sewer lines in such a manner as to clog the sewers;
 - (2) Overload skimming and grease handling equipment;
 - (3) Pass to the receiving waters without being effectively treated by normal wastewater treatment processes due to the non-amenability of the substance to bacterial action; or
 - (4) Deleteriously affect the treatment process due to excessive quantities.
- (d) No person may discharge any substance into public sewers which:
 - (1) Is not amenable to treatment to reduction by the processes and facilities employed; or
 - (2) Is amenable to treatment only to such a degree that the treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
- (e) The control authority shall regulate the flow and concentration of slugs when they may:
 - (1) Impair the treatment process;

- (2) Cause damage to collection facilities;
 - (3) Incur treatment costs exceeding those for normal wastewater; or
 - (4) Render the waste unfit for stream disposal or industrial use.
- (f) No person may discharge into public sewers solid or viscous substances which may violate subsection (a) of this section if present in sufficient quantity or size including but not limited to:
- (1) Ashes
 - (2) Cinders
 - (3) Sand
 - (4) Mud
 - (5) Straw
 - (6) Shavings
 - (7) Metal
 - (8) Glass
 - (9) Rags
 - (10) Feathers
 - (11) Tar
 - (12) Plastics
 - (13) Wood
 - (14) Unground garbage
 - (15) Whole blood
 - (16) Paunch manure
 - (17) Hair and fleshings
 - (18) Entrails
 - (19) Paper products, either whole or ground by garbage grinders
 - (20) Slops
 - (21) Chemical residues
 - (22) Paint residues
 - (23) Bulk solids
 - (24) Cesspool and septic tank sludges
 - (25) Animal wastes and manures
 - (26) Agricultural wastes and crop residues

(Ord. No. 08-5096, C.S., § 9, 7-15-08)

Sec. 32-80. - Compliance with standards of control authority.

(a) *Compliance with existing authority.*

- (1) Unless exception is granted by the control authority, the sanitary sewer system shall be used by all persons discharging:

- a. Wastewater;
 - b. Industrial waste (SIU permit required);
 - c. Polluted liquids (SIU permit required); or
 - d. Unpolluted wastewater or liquids.
- (2) Unless authorized by the Louisiana Department of Natural Resources, no person may deposit or discharge any waste included in subsection (a)(1) of this section on public or private property in or adjacent to any:
- a. Natural outlet;
 - b. Watercourse;
 - c. Storm sewer; or
 - d. Other area within the jurisdiction of the city.
- (3) The control authority shall verify prior to discharge that wastes authorized to be discharged will receive suitable treatment within the provisions of laws, regulations, ordinances, rules and orders of federal, state and local governments.
- (b) *Control authority requirements.*
- (1) If discharges or proposed discharges to public sewers may deleteriously affect wastewater facilities, processes, equipment or receiving waters; create a public nuisance; the control authority shall require:
- a. Pretreatment to an acceptable condition for discharge to the public sewers;
 - b. Control over the quantities and rates of discharge; and
 - c. Payment to cover the cost of handling and treating the wastes.
- (2) The control authority is entitled to determine whether a discharge or proposed discharge is included under subsection (b)(1) of the section; and
- (3) The control authority shall reject wastes when:
- a. It determines that a discharge or proposed discharge is included under subsection (b)(1) of this section; and
 - b. The discharger does not meet the requirements of subsection (b)(1) or this section.
- (c) *Control authority review and approval.*
- (1) If pretreatment or control is required, the control authority shall review and approve design and installation of equipment and processes.
- (2) The design and installation of equipment and processes must conform to all applicable statutes, codes, ordinances and other laws.
- (3) Any person responsible for discharges requiring pretreatment, flow-equalizing or other facilities shall provide and maintain the facilities in effective operating condition at his own expense.

(Ord. No. 08-5096, C.S., § 10, 7-15-08)

Sec. 32-81. - Requirements for traps.

- (a) Discharges requiring a trap include:
- (1) Grease or waste containing grease in excessive amounts;
 - (2) Oil;

- (3) Sand;
 - (4) Flammable wastes; and
 - (5) Other harmful ingredients.
- (b) Any person responsible for discharges requiring a trap shall at his own expense and as required by the control authority:
- (1) Provide equipment and facilities of a type and capacity approved by the control authority;
 - (2) Locate the trap in a manner that provides ready and easy accessibility for cleaning and inspection;
 - (3) Maintain the trap in effective operating condition.

(Ord. No. 08-5096, C.S., § 11, 7-15-08)

Sec. 32-82. - Discharges through building sewers.

Any person responsible for discharges through a building sewer carrying industrial wastes shall, at his own expense and as required by the control authority:

- (a) Install an accessible and safely located control manhole;
- (b) Install meters and other appurtenances to facilitate observation, sampling and measurement of the waste; and
- (c) Maintain the equipment and facilities.

(Ord. No. 08-5096, C.S., § 13, 7-15-08)

Sec. 32-83. - Sampling and testing.

- (a) Sampling shall be conducted according to customarily accepted methods, reflect the effect of constituents upon the sewage works and determine the existence of hazards to health, life, limb and property. (The particular analysis involved will determine whether a twenty-four-hour composite sample from all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD, COD, suspended solids and metals analyses are obtained from twenty-four-hour composites of all outfalls. Where applicable sixteen-hour, eight-hour, six-hour or some other period may be required. Periodic grab samples are used to determine pH.)
- (b) Examination and analysis of the characteristics of waters and wastes required by this subsection shall be:
 - (1) Conducted in accordance with the latest edition of "Standard Methods"; and
 - (2) Determined from suitable samples taken at the control manhole provided or other control point authorized by the control authority.
- (c) BOD, COD, suspended solids and metals shall be determined from composite sampling.
- (d) The city is entitled to select the time of sampling at its sole discretion and may perform the analysis in-house or select an independent firm or laboratory to determine flow, BOD, COD, suspended solids, metals or any other applicable analysis parameter so long as at least monthly samples are taken.
- (e) The discharger will monitor the flow, BOD, COD, suspended solids, metals or any other applicable analysis parameter required by the city on a weekly basis using split samples collected by the city and will submit the results of such monitoring to the city on a monthly basis. The discharger may select an independent firm or laboratory approved by the city to perform the monitoring.

(Ord. No. 08-5096, C.S., § 13, 7-15-08; Ord. No. 10-5197, C.S., 3-2-10)

Sec. 32-84. - Rates and charges for industrial waste discharges; special agreement required.

(a) *Payment and agreement required.*

- (1) Persons making discharges of industrial wastes shall pay a charge to cover the cost of collection and treatment.
- (2) When discharges of industrial waste are approved by the city, the city or its authorized representative shall enter into an agreement or arrangement providing:
 - a. Terms or acceptance by the city; and
 - b. Payment by the person making the discharge.

(b) *Industrial waste charge and added costs.*

- (1) If the volume or character of the waste to be treated by the city does not cause overloading of the sewage collection, treatment or disposal facilities of the city, then prior to approval, the city and the person making the discharge shall enter into an agreement which provides that the discharger pay an industrial waste charge to be determined from the schedule of charges. Issuance of a "permit to discharge industrial wastewater to the sanitary sewer" shall constitute such an agreement.
- (2) If the volume or character of the waste to be treated by the city requires that wastewater collection, treatment or other disposal facilities of the city be improved, expanded or enlarged in order to treat the waste, then prior to approval, the city and the person making the discharge shall enter into an agreement which provides that the discharger pay in full all added costs the city may incur due to acceptance of the waste.
- (3) The agreement entered into pursuant to subsection (b)(1) of this section shall include but not be limited to:
 - a. Amortization of all capital outlay for collecting and treating the waste, including new capital outlay and the proportionate part of the value of the existing system used in handling and treating the waste; and
 - b. Operating and maintenance costs including salaries and wages, power costs, costs of chemicals and supplies, proper allowances for maintenance, depreciation, overhead and office expenses.
- (4) Amortization shall be completed in a twenty-year period and payment shall include all debt service costs.

(Ord. No. 08-5096, C.S., § 14, 7-15-08)

Sec. 32-85. - User charges for excessive discharges of industrial waste.

- (a) Any person generating industrial waste with abnormally elevated conventional pollutant strength may discharge the waste into the sanitary sewer system provided:
- (1) The waste will not endanger or be harmful to the operating personnel of the sewer system;
 - (2) The waste will not impair the treatment processes;
 - (3) The waste will not cause damage to the collection system;
 - (4) The waste will not cause the wastewater treatment plant to violate its operating permit or contaminate its sludge; and

- (5) The person discharging the waste pays a monthly surcharge to the city in addition to the usual monthly water and sewer service charges.
- (b) (1) During any consecutive five-day-sampling period that a SIU discharge to the city's wastewater treatment system has an average COD concentration in excess of four hundred (400) mg/L (BOD equivalent = 240 mg/L)—as determined by analysis of no less than three (3) daily twenty-four-hour composite samples collected at the control manhole—the SIU may be assessed a wastewater service surcharge. The wastewater service surcharge shall be calculated by the following formula and shall be added to the usual monthly water and sewer service charges paid by the SIU:

$$SC \text{ (Sewer Service Surcharge)} = 2A \times R / 1,000$$

Where

WSS = (Wastewater Service Surcharge) based on excessive concentrations of regulated pollutants and assessed as an additional cost to the monthly water and sewer service charges. Multiple violations during a month may result in multiple wastewater service surcharges being assessed the SIU.

A = Number of gallons of water utilized by SIU during the month; and

R = Cost (in dollars) per one thousand (1,000) gallons of water (based on city's current rate schedule for SIU).

- (2) Effective November 1, 2013, and thereafter, during any month that a SIU has a monthly zinc metal loading limit greater than that stipulated in the city's current Water Discharge Permit issued by the Louisiana Department of Environmental Quality Office of Environmental Services, the SIU may be assessed a Sewer Service Surcharge. Monthly loading shall be calculated based on the following formula:

$$\text{Loading (lbs/day)} = A \times B \times 0.00834$$

Where: A = Zinc metal concentration in micrograms per liter (ug/L) and based on the average concentration of 24-hour composite samples collected during the month at the control manhole.

B = Flow in million gallons of wastewater discharged per day (MGD) by the SIU and based on the monthly average of daily discharge flows as determined by a calibrated flow meter. Where no flow meter is available for determining the daily discharge flow, the daily average of the monthly volume of water charged to the SIU by the city - expressed in MGD - shall serve as the flow value.

- (3) Effective September 1, 2010, and thereafter, during any month that a SIU discharge to the city's sewer system has an average monthly copper metal concentration greater than 0.020 milligrams per liter—as determined by analysis of weekly twenty-four-hour composite samples collected at the control manhole—the SIU may be assessed a sewer service charge. The weekly analytical results for the analysis of the city's samples and the weekly analytical results for the analysis of the SIU's split samples shall be added together and averaged to determine the monthly surcharge which shall be calculated by the formula defined in (b)(1) above and billed to the SIU (This surcharge shall be added to the usual monthly water and sewer service charges paid by the SIU.).
- (4) Effective September 1, 2010, and thereafter, during any month that a SIU discharge to the city's sewer system has an average monthly mercury metal concentration greater than 0.000025 milligrams per liter—as determined by analysis of weekly twenty-four-hour composite samples collected at the control manhole—the SIU may be assessed a sewer service charge. The weekly analytical results for the analysis of the city's samples and the weekly analytical results for the analysis of the SIU's split samples shall be added together and averaged to determine the monthly surcharge which shall be calculated by the formula defined in (b)(1)

above and billed to the SIU (This surcharge shall be added to the usual monthly water and sewer service charges paid by the SIU.

- (5) For a given month, the SIU may be assessed the surcharge only once for a violation of the specified parameters (e.g., if the COD average and the zinc metal average exceed the specified limits, the SIU will be assessed for only one (1) violation.)
- (6) A surcharge incurred for a violation during a given month shall be assessed in the billing for the ensuing month.
- (7) The SIU shall take whatever remedial steps are necessary to prevent repeated violations of the specified limits for each parameter. If an SIU experiences violations for a period of three (3) consecutive months, then the SIU may be prohibited from discharging into the city's sanitary sewer system until corrective action has been taken and approved by the city.

(Ord. No. 08-5096, C.S., § 15, 7-15-08; Ord. No. 10-5197, C.S., 3-2-10; Ord. No. 13-5354, C.S., 10-15-13; Ord. No. 15-5427, C.S., § 1, 6-2-15)

Sec. 32-86. - Adjustment of surcharges.

- (a) Upon a determination by the city that the discharge characteristics of a surcharged waste stream has changed, the city shall adjust charges as required to reflect changes in the characteristics of the wastewater, based on the result of sampling and testing.
- (b) Changes in charges shall continue for at least six (6) billing periods unless subsequent tests determine that the charge should be further increased.
- (c) The city shall review at least every two (2) years the basis for determining charges and may adjust the unit treatment cost in the formula to reflect increases or decreases in wastewater treatment costs.
- (d) The city shall bill the discharger by the month and shall show industrial waste charges as a separate item from water and sewer charges. The discharger shall pay monthly in accordance with practices existing for payment of sewer charges.

(Ord. No. 08-5096, C.S., § 16, 7-15-08)

Sec. 32-87. - Applications and permits required.

- (a) Any person may be required to submit a completed permit application or survey form, including monitoring at that person's expense, if in the opinion of the control authority an application or survey form is necessary to determine the status of that person as a significant industrial user.
- (b) No significant industrial user shall discharge industrial waste without first submitting a permit application for such waste and the control authority may disallow any or all industrial waste discharges until a permit is issued.

(Ord. No. 08-5096, C.S., § 17, 7-15-08)

Sec. 32-88. - Condition of permits.

- (a) The city may grant a permit to discharge to persons meeting the following requirements:
 - (1) Submit an application within the time period established by the control authority on forms supplied by the control authority;

- (2) Secure approval by the control authority of plans and specifications for pretreatment facilities when required; and
 - (3) Has complied with all requirements for agreements or arrangement including, but not limited to, provisions for:
 - a. Payment of charges;
 - b. Installation and operation of pretreatment facilities;
 - c. Sampling and analysis to determine quantity and strength; and
 - (4) Provides a sampling point subject to the provisions of this chapter and approval of the control authority.
- (b) Permits for significant industrial users (SIU) will include, but not be limited to, the following terms and conditions:
- (1) At SIU's request, information contained in permit applications shall be maintained as confidential.
 - (2) SIUs will comply with applicable federal categorical pretreatment standards as well as to any applicable state and local standards and with all conditions in the permit.
 - (3) The control authority shall develop and require adherence to SIU compliance schedules.
 - (4) The control authority shall require self-monitoring and reporting at SIU's expense.
 - (5) The control authority shall choose or approve a laboratory to analyze industrial wastes.
 - (6) SIUs will be required to pay applicable fees for:
 - a. Sampling and testing to determine compliance;
 - b. Disconnection/reconnection of service resulting from noncompliance;
 - c. Abnormal strength wastes;
 - d. Additional costs incurred by city or regional authority in transporting or treating wastes; and
 - e. Filing, revision or renewal of permit application.
- (c) The city shall provide public notification for instances of permit violation.
- (d) The control authority shall deny/revoke permit, disallow/disconnect service, assess civil or criminal penalties and seek other available legal and equitable remedies against industrial users for:
- (1) Discharge to sewerage system resulting in violation of city's discharge permit conditions;
 - (2) Creating a hazard to health or life of wastewater facility personnel or users of receiving waters;
 - (3) Violation of any applicable ordinance, or regulation, or permit condition;
 - (4) False information transmitted to the control authority through permit application, monitoring reports or in regard to inspections or any other authorized activity;
 - (5) Unauthorized use of dilution methods to reduce pollutant concentrations as a partial or complete substitute for adequate pretreatment; or
 - (6) Failure to submit a properly completed permit application or survey form within the time period established by the control authority.

(Ord. No. 08-5096, C.S., § 18, 7-15-08)

Sec. 32-89. - Right of entry upon property for inspections.

- (a) Any duly authorized representative of the city bearing proper credentials and identification are entitled to enter any public or private property at any time for the purpose of enforcing this chapter, including photographic and video documentation, independent monitoring, inspection or review and copying of applicable records to determine compliance.
- (b) Anyone acting under this authority shall observe the establishment's rules and regulations concerning safety, internal security and fire protection.
- (c) Except when caused by negligence or failure of the company to maintain safe conditions, the city shall indemnify the company against loss or damage to its property by city employees and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the sampling operation.
- (d) Any duly authorized representatives of the city bearing proper credentials and identification are entitled to enter all private properties through which the city holds a negotiated easement for the purpose of:
 - (1) Inspection, observation, measurement, sampling or repair;
 - (2) Maintenance of any portion of the sewerage system lying within the easements; and
 - (3) Conducting any other authorized activity. All activities shall be conducted in full accordance with the terms of the negotiated easement pertaining to the private property involved.
- (e) No person acting under authority of this provision may inquire into any processes including metallurgical, chemical, oil refining, ceramic, paper or other industries beyond that point having a potential bearing on the kind and source of discharge to the public sewers.

(Ord. No. 08-5096, C.S., § 19, 7-15-08)

Sec. 32-90. - Authority to disconnect service; continuing prohibited discharges.

(a) *Authority to disconnect service.*

- (1) The city may terminate water and wastewater disposal service and disconnect an industrial user from the system when:
 - a. Acids or chemicals damaging to sewer lines or treatment process are released to the sewer causing rapid deterioration of these structures or interfering with proper conveyance and treatment of wastewater;
 - b. A governmental agency informs the city that the effluent from the wastewater treatment plant is no longer of a quality permitted for discharge to a watercourse, and it is found that the industrial user is delivering wastewater to the city's system that cannot be sufficiently treated or requires treatment that is not provided by the city as normal domestic treatment; or
 - c. The industrial user:
 - 1. Discharges industrial waste or wastewater without a permit or that is in violation of the permit issued by the control authority;
 - 2. Discharges wastewater at an uncontrolled variable rate in sufficient quantity to cause an imbalance in the wastewater treatment system;
 - 3. Fails to pay monthly bills for water and sanitary sewer services due; or
 - 4. Repeats a discharge of prohibited wastes to public sewers
- (2) If service is disconnected pursuant to subsection (a)(1)b. if this section, the city shall:
 - a. Disconnect the industrial user;

- b. Supply the industrial user with the governmental agency's report and provide the industrial user with all pertinent information; and
- c. Continue the disconnection until that time as the industrial user provides additional pretreatment or other facilities designed to remove the objectionable characteristics from his industrial wastes.

(b) *Continuing prohibited discharges.* No person may continue discharging in violation of this chapter beyond the time limit provided in a written notice stating the nature of the violation. This section shall not limit the authority of the city to take any action, including emergency actions or any other enforcement action. Termination of service, issuance of an emergency cease and desist order or other administrative or judicial remedies shall not be a bar against, or a prerequisite, for taking any other action against a violator.

(Ord. No. 08-5096, C.S., § 20, 7-15-08)

Sec. 32-91. - Penalty.

- (a) (1) A person who violates any provisions of this chapter or a permit to discharge wastewater to the sanitary sewer is guilty of a misdemeanor, and upon conviction is punishable for each act of violation and for each day or part of a day during which the violation is committed, continued or permitted in an amount equal to twice the normal surcharge.
- (2) In addition to proceeding under authority of (a)(1) above, the city is entitled to pursue all other criminal and civil remedies to which it is entitled under authority of statutes or other ordinances against a person continuing prohibited discharges.
- (b) In addition to sanctions provided above, the city is entitled to exercise sanctions provided for by the other ordinances of the city for failure to pay the bill for water and sanitary sewer service when due.
- (c) The city may pursue all criminal and civil remedies to which it is entitled under authority of statutes and ordinances against a person negligently, willfully or maliciously causing loss by tampering with or destroying public sewers, treatment facilities or sampling and inspection equipment.

(Ord. No. 08-5096, C.S., § 21, 7-15-08)

Secs. 32-92—32-110. - Reserved.

ARTICLE III. - SEWERAGE DISTRICTS^[3]

Footnotes:

--- (3) ---

Cross reference— Administration generally, Ch. 2.

DIVISION 1. - SEWERAGE DISTRICT ONE

Sec. 32-111. - Created; boundaries.

By virtue of the authority conferred by Article VI, Section 19 of the Constitution of the State of Louisiana of 1974, Sub-Part B, Part I, Chapter 9, Title 33 of the Louisiana Revised Statutes of 1950, as amended, and other constitutional and statutory authority supplemental thereto, the boundaries of Sewerage District No. 1 of the city, as created by an ordinance adopted on September 8, 1970, be and the same are hereby enlarged so that said sewerage district shall hereafter comprise and embrace all that territory within the corporate limits of the city, as the same are presently constituted, less and except

that area of the city contained within the boundaries of Sewerage District No. 2 of the city, as defined and described in an ordinance (Ordinance No. 699) adopted by the city council on December 30, 1975.

(Ord. No. 584, C.S., § 1, 9-8-70; Ord. No. 874, C.S., § 1, 2-5-80)

Sec. 32-112. - Name; powers and duties.

The sewerage district shall continue to be designated as "Sewerage District No. 1 of the City of Hammond, State of Louisiana," and shall continue to constitute a public corporation and political subdivision of the state and as such, shall have all the rights, powers and privileges granted and conferred by the Constitution and statutes of the state to such corporations, including the authority to incur debt, issue bonds and levy taxes and assessments.

(Ord. No. 584, C.S., § 2, 9-8-70; Ord. No. 874, C.S., § 2, 2-5-80)

Sec. 32-113. - Seal.

The official seal of the city is hereby adopted as the seal of the sewerage district created by this division.

(Ord. No. 584, C.S., § 3, 9-8-70; Ord. No. 874, C.S., § 3, 2-5-80)

Secs. 32-114—32-120. - Reserved.

DIVISION 2. - SEWERAGE DISTRICT TWO

Sec. 32-121. - Created; boundaries.

In compliance with the provisions of the Constitution of the State of Louisiana for the year 1974, as amended, Sub-Part B, Part I, Chapter 9, Title 33 of the Louisiana Revised Statutes of 1950, and other constitutional and statutory authority supplemental thereto, a sewerage district, namely, "Sewerage District No. 2 of the City of Hammond, State of Louisiana" is hereby created within the city, the boundaries of which sewerage district shall comprise and embrace all the following territory within the corporate limits of the city as follows:

A certain tract or parcel of land situated in the City of Hammond, Parish of Tangipahoa, State of Louisiana, known as the Lakewood Subdivision, being a subdivision of a portion of Section 27 and 39, Township 6 South, Range 7 East, and being more particularly described as beginning at the intersection of the north right-of-way of the Old Baton Rouge Highway and the east right-of-way of Interstate 55; thence north thirty-one (31) degrees forty-eight (48) minutes west six hundred seventy (670.00) feet along said east right-of-way of Interstate Highway 55; thence north two (2) degrees ten (10) minutes west one thousand three hundred forty-one and twenty-two one-hundredths (1,341.22) feet; thence north eighty-nine (89) degrees thirty-seven (37) minutes east three hundred fifty (350.00) feet; thence south thirty-three (33) degrees forty-seven (47) minutes east one thousand seven hundred thirteen and eight one-hundredths (1,713.08) feet to the north right-of-way line of the Old Baton Rouge Highway; thence along said north right-of-way line of Old Baton Rouge Highway south sixty-two (62) degrees fourteen (14) minutes eighteen (18) seconds west one thousand thirty-six and forty-five one-hundredths (1,036.45) feet to the point of beginning.

(Ord. No. 699, C.S., § 1, 7-1-75; Ord. No. 722, C.S., § 1, 12-30-75)

Sec. 32-122. - Name; powers and duties.

The sewerage district created by this division shall be known and is hereby designated as "Sewerage District No. 2 of the City of Hammond, State of Louisiana," and as thus created shall constitute a public corporation and political subdivision of the state and shall have all the rights, powers and privileges granted and conferred by the constitution and statutes of the state to such corporations, including the authority to incur debt, to issue bonds and to levy taxes and assessments.

(Ord. No. 722, C.S., § 1, 12-30-75)

Sec. 32-123. - Seal.

The corporate seal of the city is hereby adopted as the corporate seal of the sewerage district created by this division.

(Ord. No. 722, C.S., § 1, 12-30-75)

Secs. 32-124—32-134. - Reserved.

ARTICLE IV. - WATER

DIVISION 1. - GENERALLY

Sec. 32-135. - Taps.

- (a) *Size.* Tapping of the water mains shall be limited to one-half inch and five-eighths inch standard taps. When the revenue from the premises will be less than eighteen dollars (\$18.00) per annum, exclusive of sprinkling, the tap shall be one-half inch, when in excess of eighteen dollars (\$18.00) it may be five-eighths inch.
- (b) *Tap to be performed without turning off water.* The main must be tapped without turning the water off.
- (c) *Materials.* There must be a "Mueller" or equal corporation cock placed at the main, with an extra strong lead connection eighteen (18) inches long provided with brass soldering nipples. The pipe to the curb may be galvanized, provided however, that when it becomes necessary to lay pipe under paved or black top streets, such pipe shall be of copper tubing from main to curb, and all piping must be laid in clear clay and not less than two (2) feet deep, with a "Mueller" or equal curb cock and street box set six (6) inches inside the curb.

(Ord. of 7-3-06, C.S., §§ 3, 4; Ord. No. 26, A.S., § 1, 11-27-36)

Sec. 32-136. - Inspection of pipes and connections.

Employees of the city, when necessary and at reasonable hours, shall be permitted to inspect the water pipes and connections on the premises of all consumers of water. Should the owner, or occupant of the premises, their agents or employees, prevent such inspection, or in any manner violate any law or ordinance governing the use or distribution of water, the supply of water to the premises shall be discontinued.

(Ord. No. 330, C.S., § 2, 7-14-59)

Sec. 32-137. - Billing; rules.

The business office of the city shall forward statements covering the charges for water services every two (2) months to the consumers of water in the city.

(Ord. No. 562, C.S., § 4, 7-1-69)

Sec. 32-138. - Rules.

The business office of the city shall adopt any and all administrative procedures and regulations as might be necessary and practicable in enforcing this article.

(Ord. No. 562, C.S., § 4, 7-1-69)

Sec. 32-139. - Meters.

In the case of persons outside the city limits, such customer shall pay to the city the amount necessary for the purchase of a water meter approved by the city. All city consumers must pay the cost of a water meter, of a type approved by the city, where the size of the meter is greater than five-eighths of an inch.

(Ord. No. 330, C.S., § 4, 7-14-59)

Sec. 32-140. - Connections.

In the case of new water connections, both in and out of the city, the customer shall bear the reasonable expense of labor and materials necessary in making the connection.

(Ord. No. 330, C.S., § 5, 7-14-59)

Sec. 32-141. - Cross-connection control device or method required.

Each existing or new structure is required to implement and maintain an adequate cross-connection control device or method for backflow prevention as mandated under state law and state regulations.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-142. - Cross connections.

- (a) There shall be no physical connection between a public water supply and any other water supply which is not of equal sanitary quality and under an equal degree of official supervision; and there shall be no connection or arrangement by which unsafe water may enter a public water supply system. The approval of the city public works department shall be obtained prior to making interconnections between potable water supplies.
- (b) Once delivered to a customer, that is, once water passes through a service connection, it is the customer's responsibility to ensure no water is returned to the public water supply.
- (c) Water from any potable water supply complying with these requirements may be supplied to any other system containing water of questionable quality only by means of an independent line discharging not less than a distance equal to two (2) times the pipe diameter or two (2) inches, whichever is greater, above the overflow level of storage units open to atmospheric pressure or by other methods approved by the state health officer.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-143. - Protection of water supply/containment practices.

- (a) Each water supplier shall protect the water produced and distributed by its water supply system from potential contamination by ensuring commercial, industrial, governmental, and/or multi-family housing served by a master meter, and/or high risk residential customers comply with the containment practices and maintenance/field testing requirements prescribed in LAC 51:XIV.609. For as otherwise directed by the state health officer. High risk residential customers shall include, but not be limited to, those operating fire suppression systems or irrigation systems equipped with pumps, injectors, pressurized tanks or vessels, or other facilities for injecting into the irrigation system agricultural chemicals such as fungicides, pesticides, soil conditioning or other similar noxious, toxic or objectionable substances. In implementing any ordinances, rules, contracts, policies, or other steps to achieve such compliance, water suppliers shall have the authority to prohibit or discontinue water service to customers who fail to install, maintain, field test, or report the results of the field test for containment assemblies or methods in accordance with LAC 51:XIV.609.F.9.
- (b) Commercial, industrial, and governmental customers are required to install and maintain, at a minimum, reduced pressure principal backflow prevention devices as a condition of receiving water service. Commercial, industrial, and governmental customers may receive water service after installing and maintaining a lesser protective backflow prevention device or devices, or no device at all, if, and only if, a certificated backflow prevention surveyor working for the customer certifies, in writing, to the water supplier that there is no contamination threat to the public water supply or that the threat is such that lesser protection is fully protective of the public water supply. Such certifications shall be valid until the plumbing installations downstream of the service connection are altered; control or use of the customer's facility changes; or for a period of three (3) years from the date of certification.
- (c) The state health officer has determined that protection of water supply/containment practices are necessary to protect public health and, therefore, are not subject to the "grandfather" provisions of § 107 of this part. Customers required to install, maintain, and test backflow prevention devices shall do so remedially if they have not already done so. Note: According to the state fire marshal, the addition of a backflow prevention device to a fire protection system changes the system's capacity and must be accounted for.
- (d) Residential customers with lawn irrigation/sprinkler systems for which pressure vacuum breakers provide adequate protection of the public water supply are exempt from annual testing requirements provided, however, the pressure vacuum breaker must be properly installed and tested upon installation; and tested after any repairs are made. Installation and testing must be performed by an individual qualified to install and inspect pressure vacuum breakers or lawn irrigation backflow prevention devices in accordance with LAC 51:XIV.609.F.8. Results of required tests must be provided timely to the water supplier. A failure to install, test, or maintain a pressure vacuum breaker in accordance with the foregoing shall be grounds for interruption of water service.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-144. - Connection with unsafe water sources forbidden.

- (a) There shall be no cross-connection, auxiliary intake, bypass, inter-connection or other arrangement, including overhead leakage, whereby water from a source that does not comply with these regulations may be discharged or drawn into any potable water supply which does comply with these requirements. The use of valves, including check or back pressure valves, is not considered protection against return flow, or back-siphonage, or for the prevention of flow of water from an unapproved source into an approved system.

- (b) Public water supply connections to any customer whose connected plumbing includes auxiliary water supplies, such as wells, submerged inlets, ponds, reservoirs, swimming pools and other sources of stagnant, polluted, or contaminated waters shall be made only through an "air gap" consisting of a physical separation between the free flowing discharge end of a potable water supply pipeline and an open, non-pressure, receiving vessel. Such an air gap shall be at least double the diameter of the supply pipe measured above the overflow rim of the vessel and in no case less than one (1) inch.
- (c) Water loading stations.
 - (1) For purposes of this part, there are two (2) classes of water loading stations: potable and non-potable.
 - (2) All loading stations shall be isolated from the public supply using, at a minimum, a double check backflow prevention assembly at the customer connection. Unless specific written permission is granted by the office of public health to fill potable water vessels at a potable water loading station other than over the rim, all vessels being filled at a water loading station shall be filled over the rim.
 - (3) Potable water loading stations shall be assembled using materials suitable for the delivery of potable water, which materials have been sanitized and which materials are, at all times, maintained in a sanitary fashion. Prior to delivering water through a potable water loading station, bacteriological samples taken at the discharge end of the loading station shall be analyzed in accordance with the total coliform rule to ensure the water is fit for human consumption. Any water delivered prior to certification the water is fit for human consumption shall be subject to a mandatory boil water advisory. All vessels used to deliver potable water shall be certified for delivery of potable water and shall be maintained in a sanitary manner. Furthermore, water in bulk vessels shall be tested for disinfectant residual immediately prior to delivering water and hourly while deliveries continue. At a minimum, the disinfectant residual at time of delivery shall be one-half (0.5) mg/l or the water delivered shall be delivered under a boil water advisory. Bacteriological testing of water delivered using potable water vessels shall be at the discretion of the state health officer.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

DIVISION 2. - WATER BACKFLOW PREVENTION

Sec. 32-145.1. - Definitions.

The following definitions shall apply only to this division. For those terms not defined in this division, the definitions contained in the Louisiana State Plumbing Code 2000 edition (LSPC, 2000 Edition), and as amended, shall apply.

Administrative authority means the City of Hammond Public Works Department, or any agent, employee, officer, department, or board of the city designated to enforce this division.

Approved means accepted or acceptable under an applicable specification or standard stated or cited in the Code, or accepted as suitable for the proposed use under procedures and authority of the administrative authority.

Approved backflow prevention assembly for containment means an air gap meeting ASME Standard A 112.1.2 - 1991 (R 1998) Air Gaps in Plumbing Systems or a backflow prevention assembly which is listed by the University of Southern California-Foundation for Cross Connection Control and Hydraulic Research (USC-FCCCHR) as having met the requirements of ANSI/AWWA Standard C510-97 or ASSE Standard 1015-1993, Double Check Valve Backflow-Prevention Assemblies, or ANSI/AWWA Standard C511-97 or ASSE Standard 1013-1993, Reduced-Pressure Principle Backflow Assemblies for containment. The listing shall include the limitations of use based on the degree of hazard. The backflow prevention assembly must also be listed by the ASSE in Table 606 of the LSPC, 2000 Edition or other

testing agency approved by the administrative authority. This term shall additionally include those backflow prevention assemblies meeting ANSI/ASSE Standard 1047-1995, Backflow Preventer, Reduced Pressure Detector Assembly, or ANSI/ASSE Standard 1048-1995, Backflow Preventer, Double Check Detector Assembly. (These detector assembly devices are often times used on fire protection/fire sprinkler systems to detect and monitor unauthorized water usage.)

Approved backflow prevention assembly for containment in fire protection system means a backflow prevention assembly listed in Table 606 of the LSPC, 2000 Edition to be used in a fire protection system which also meets the requirements of Factory Mutual Research Corporation (FM) and Underwriters Laboratory (UL) and the requirement of the standard codes adopted by the City of Hammond. Devices sized smaller than 22 inches which have not been listed by Underwriters Laboratory (UL) and tested by Factory Mutual Research Corporation (FM) may be allowed if approved by the state fire marshal, and such device is listed in Table 606 of the LSPC, 2000 Edition. Any such device under this definition shall minimally meet the definition of an approved backflow prevention assembly for containment. In addition, the particular type of device to be used for a particular application/degree of hazard shall be selected and installed in accord with the requirements of Table 0104 of the LSPC, 2000 Edition.

Approved testing agency means an organization primarily established for purposes of testing to approved standards and approved by the administrative authority (e.g., American Society of Mechanical Engineers (ASME), American Society of Sanitary Engineers (ASSE), American Water Works Association (AWWA), American National Standards Institute (ANSI), Factory Mutual Research Corporation (FM), Underwriters Laboratory (UL), University of Southern California—Foundation for Cross Connection Control and Hydraulic Research (USC-FCCCHR), etc.).

Auxiliary water supply means any water supply on or available to the premises other than the water purveyor's approved public water supply such as, but not limited to, a private well, pond or river.

Backflow means the flow of water or other liquids, mixtures, or substance into the distribution pipes of a potable supply of water from any sources other than its intended source.

Backflow connection means any arrangement whereby backflow can occur.

Backflow preventer means a device or method to prevent backflow into the potable water system.

Backflow prevention assembly general tester means those individuals holding a testing certificate from a nationally recognized backflow certification organization approved by the state health officer. Such individuals are not required to be a licensed plumber and are authorized to perform tests of backflow prevention devices and methods. When such devices or methods are located on private property, a backflow prevention assembly general tester is not authorized to install, repair, or maintain such devices or methods. A general tester may perform installation, maintenance or repairs, if the backflow prevention device is on public property, after having obtained approval from the water purveyor.

Backflow prevention assembly technician means a water supply protection specialist licensed by the State Plumbing Board of Louisiana pursuant to R.S. 37:1361 et seq., and its implementing regulations (LAC 46:LV.101 et seq.). All water supply protection specialists are Louisiana licensed plumbers who hold such a special endorsement on their plumbing license. Such individuals are authorized to test, install, repair, and maintain backflow prevention devices and methods.

Back-pressure backflow means backflow due to an increased pressure above the supply pressure. This may be due to pumps, boilers, gravity or other sources of pressure.

Back-siphonage means the flowing back of use, contaminated, or polluted water from a plumbing fixture or vessel into a water supply pipe due to a negative pressure in such pipe. See *backflow*.

Code. The word "Code" or "this Code", when used alone, shall mean these regulations, subsequent amendments thereto or any emergency rule or regulation which the administrative authority having jurisdiction may lawfully adopt.

Containment means a method of backflow prevention which requires the installation of an air gap or a backflow prevention assembly immediately following the water meter or as close to that location as deemed practical by the administrative authority.

Contamination means an impairment of the quality of the potable water which creates an actual hazard to the public health through poisoning or through the spread of disease by sewage, industrial fluids or waste. Also defined as high hazard.

Cross-connection means any connection or arrangement, physical or otherwise, between a potable water supply system and any plumbing fixture or any tank, receptacle, equipment or device, through which it may be possible for nonpotable, used, unclean, polluted or contaminated water, or other substances, to enter into any part of such potable water system under any condition.

Customer means the owner, operator, or occupant of a building or property which has a water service from a public water system, or the owner or operator of a private water system which has a water service from a public water system. Customer shall not include any residential connection used for dwelling purposes, unless:

- (1) The residence is also used as a business premises and the home-based business or occupation involves operation of a home-based business or occupation which the water purveyor or city inspector deems a potentially significant and high hazard to the city water supply;
- (2) The domestic water service provided is also used for a landscape irrigation system; or
- (3) A separate water service has been installed for landscape irrigation and other nondomestic purposes.

Degree of hazard means the rating of a cross-connection or water service which indicates if it has the potential to cause contamination or pollution.

Domestic sewage means the liquid and water-borne wastes derived from the ordinary living processes, free from industrial wastes, and of such character as to permit satisfactory disposal, without special treatment, into the public sewer or by means of a private sewage disposal system.

Double check valve backflow prevention assembly means a backflow prevention device consisting of two (2) independently acting internally loaded check valves, four (4) properly located test cocks, and two (2) isolation valves.

Existing work means a plumbing system, or any part thereof which has been installed prior to the effective date of this Code.

Fire protection system means any system used for fire protection or suppression with a direct connection to the public water supply, including but not limited to sprinklers, stand-pipes, and Siamese connections.

High hazard. See *contamination*.

High hazard cross connection means a cross-connection which may cause an impairment of the quality of the potable water by creating an actual hazard to the public health, through poisoning or through the spread of disease by sewage, industrial fluids, or waste.

Industrial waste means any and all liquid or water-borne waste from industrial or commercial processes, except domestic sewage.

Isolation means a method of backflow prevention in which a backflow prevention assembly is located at the cross-connection rather than at the water service entrance.

Labeled means equipment or materials bearing a label or listing agency.

Liquid water means the discharge from any fixture, appliance or appurtenance in connection with a plumbing system which does not receive fecal matter.

Listed means equipment or materials included in a list published by a listing agency that maintains periodic inspection or current production of listed equipment or materials and whose listing states either that the equipment or material complies with approved standards or has been tested and found suitable for use in a specified manner.

Listing agency means an agency accepted by the administrative authority which is in the business of listing or labeling and which maintains a periodic inspection program on current production of listed models, and which makes available a published report of such listing in which specific information is included that the product has been tested to approved standards and found safe for use in a specific manner (e.g., USC-FCCCHR, ASSE, etc.).

Low hazard. See *pollution*.

Low hazard cross-connection means a cross-connection which may cause an impairment of the quality of potable water to a degree which does not create a hazard to the public health, but which does adversely and unreasonably affect the aesthetic qualities of such potable waters for domestic use.

Main means the principal artery of any system of continuous piping to which branches may be connected.

May is a permissive term.

Pharmaceutical-grade antifreeze means a food-grade antifreeze such as an inhibited propylene glyco-based fluid.

Point of entry means the point of connection to the potable water system.

Point of introduction means the point at which any additive is introduced to the water supply system.

Pollution means an impairment of the quality of the potable water to a degree which does not create a hazard to the public health but which does adversely and unreasonably affect the aesthetic qualities of such potable waters for domestic use. Also defined as low hazard.

Potable water means water which is satisfactory for drinking, culinary, and domestic purposes and meets the requirements of the state and city departments of health.

Reduced pressure principle backflow prevention assembly means a backflow prevention device consisting of two (2) independently acting internally loaded check valves, a differential pressure relief valve, four (4) properly located test cocks, and two (2) isolation valves.

Sewage means any liquid waste containing animal or vegetable matter in suspension or solution and may include liquids containing chemicals in solution.

Section D 106 refers to the section marked D 106 in appendix D of the Louisiana State Plumbing Code, 2000 Edition.

Shall. The word "shall" is a mandatory term.

Table D 104 refers to the table marked D 104 in appendix D of the Louisiana State Plumbing Code, 2000 Edition. (Known as the containment device table.)

Table D 105 refers to the table marked D 105 in appendix D of the Louisiana State Plumbing Code, 2000 Edition. (Known as the fixture isolation table.)

Water purveyor means the City of Hammond Public Works Department.

Water service. Depending on the context, water service means the physical connection between a public water system and a customer's building, property, or private water system, or the act of providing potable water to a customer.

Water supply system means the water supply system of a building or premises consisting of the building supply pipe, the water distributing pipes and the necessary connecting pipes, fittings, control valves, and all appurtenances carrying or supplying potable water in or adjacent to the building or premises.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.2. - Administrative authority.

- (a) The water purveyor shall have the right to enter, with the consent of the customer, or upon the basis of a suitable warrant issued by a court of appropriate jurisdiction, any property to inspect for cross-connections.
- (b) The State of Louisiana will approve training programs for backflow prevention assembly technicians and register backflow prevention assembly technicians who successfully complete a training program approved by the State Plumbing Board of Louisiana as per R.S. 37:1367(G) and LAC 46:LV.310, all of which applies to licensed plumbers.

In addition, the state health officer, through the LSPC, 2000 Edition, does accept certain persons as general testers per Section D108.1.1 thereof. Such individuals are known and defined herein as backflow prevention assembly general testers. The limitations of jurisdiction/authority of backflow prevention assembly general testers are described within said definition.

- (c) The administrative authority shall collect a fee of twenty-five dollars (\$25.00) for each inspection done by the water purveyor. The inspection will only be for the water purveyor to make sure that the air gap or backflow prevention device is in place and is the proper cross-connection control device or method used in accord with Table D104 and Section D106.
- (d) The administrative authority and the water purveyor shall maintain records of cross-connection hazard surveys, and the installation, testing, and repair of all backflow prevention assemblies installed for containment purposes.
- (e) Notwithstanding anything herein to the contrary, the administrative authority and water purveyor are authorized to take additional actions which may not be specifically covered herein that are deemed necessary to protect the city's water supply from potential or actual cross connections in accord with the requirements of the Louisiana State Plumbing Code, 2000 Edition.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.3. - Water services.

(a) *New water services .*

- (1) Plans shall be submitted to the water purveyor for review on all new water services in order to determine the degree of hazard.
- (2) The water purveyor shall approve the type of backflow prevention assembly or method required for containment based on the requirement of Table D104 and degree of hazard. If a cross-connection is not listed in Table D104, the water purveyor shall use Table B1 of the Manual for the Selection, Installation, Maintenance, and Field Testing of Backflow Prevention Devices (CAN/CSA Standard B64.10-1994) as a guide to determine the type of device to require. (This document is referred to in Table 606 of the LSPC, 2000 Edition.)
- (3) The water purveyor shall require the installation of the appropriate backflow prevention assembly or method for containment before the initiation of water service.

(b) *Existing water service .*

- (1) Any changes of, or additions to, existing water services shall be treated as new water services for the purpose of this division.
- (2) Within six (6) months after adoption of this division, the administrative authority shall publish and make available to each customer a copy of the standards used to determine the degree of hazard.
- (3) Each customer shall survey the activities and processes which receives water service and shall report to the water purveyor if cross-connections exist and the degree of hazard. Upon a finding of hazard, the customer shall cause the appropriate backflow prevention assembly or method to be installed in a timely fashion.

- (4) For existing water services, the water purveyor may inspect the premises to determine the degree of hazard. When high hazard cross-connections are found the water purveyor shall:
 - a. Develop a schedule of compliance which the customer shall follow; or
 - b. Terminate the water service until a backflow prevention assembly or method for containment required by the water purveyor has been installed.
- (5) Failure of the water purveyor to notify a customer that the customer has a high hazard cross-connection and should install backflow prevention assemblies or methods for containment in no way relieves the customer of the responsibility to comply with all requirements of this section.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.4. - Customer duties.

- (a) The customer shall be responsible for ensuring that no cross-connections exist without approved backflow protection within the customer's premises starting at the point of service from the public potable water system.
- (b) The customer shall, at the customer's own expense, cause installation, operation, testing and maintenance of the backflow prevention assemblies required by the administrative authority. The customer shall advise the water purveyor in advance of when a device is to be tested to allow the water purveyor the opportunity to witness the test.
- (c) Within fifteen (15) days after testing and/or repairs are completed, the customer shall provide the administrative authority with copies of records of the installation and of all tests and repairs made to the backflow prevention assembly on a form provided by the administrative authority.
- (d) In the event of a backflow incident, the customer shall immediately notify the water purveyor of the incident and take steps to confine the contamination or pollution. Water service will not be restored until corrective action is taken and approved after inspection by the water purveyor.
- (e) In accordance with Section D108.3.4 of the LSPC, 2000 Edition, the customer shall maintain records of installations, tests, repairs, overhauls, or replacements of backflow prevention devices or methods for at least five (5) years and, upon request, such records shall be made available to the administrative authority.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.5. - Requirements.

(a) *Water purveyor requirements.*

- (1) For premises existing prior to the start of this program, the water purveyor will perform evaluations and inspections of plans and/or premises and inform the customer by letter of any corrective action deemed necessary, the method of achieving the correction, and the time allowed for the correction to be made. Ordinarily, ninety (90) days will be allowed, however, this time period may be shortened depending upon the degree of hazard involved and the history of the device(s) in question.
- (2) The water purveyor will not allow any cross-connection to remain unless it is protected by an approved backflow preventer or an air gap for which a permit has been issued and which will be regularly tested to ensure satisfactory operation.
- (3) The water purveyor shall notify the customer by letter of any failure to comply at the time of the first reinspection or immediately following the first reinspection. The water purveyor will allow an additional fifteen (15) days for the correction. In the event the customer fails to comply with the necessary correction by the time of the second reinspection, the water purveyor will notify the

customer by letter that the water service to the customer's premises will be terminated within five (5) days from the customer's receipt of such letter, in the event that the customer informs the water purveyor of extenuating circumstances as to why the correction has not been made, a time extension may be granted by the water purveyor but in no case will exceed an additional thirty (30) days.

- (4) Notwithstanding anything to the contrary, if the water purveyor determines at any time that a serious threat to the public health exists, the water service will be terminated immediately.
- (5) The water purveyor shall have on file a list of private contractors who are certified backflow device testers and/or repairers. All charges for these tests, repairs, etc., will be paid by the customer of the building or property.
- (6) The water purveyor will begin initial premises inspections to determine the nature of existing or potential hazards, following the approval of this program by the city council and mayor, during the calendar year. Initial focus will be on high hazard industries and commercial premises.

(b) *Customer requirements .*

- (1) The customer shall be responsible for the elimination or protection of all cross-connections on his premises.
- (2) The customer, after having been informed by a letter from the water purveyor, shall at his expense, install, maintain, and test or have tested, any and all required backflow prevention devices or methods on his premises.
- (3) The customer shall correct any malfunction of the backflow prevention device or method which is revealed by periodic testing.
- (4) The customer shall inform the water purveyor of any proposed or modified cross-connection and also any existing cross-connection of which the customer is aware but has not been found by the water purveyor.
- (5) The customer shall not install a bypass around any backflow prevention device or method unless there is a backflow prevention device or method of the same type on the bypass. Customers who cannot shut down operation for testing of the device(s) or method(s) must supply additional devices or methods necessary to allow testing to take place.
- (6) The customer shall install backflow prevention devices or methods in a manner approved by the water purveyor and in conformance with the installation requirements of Section 606 of the LSPC, 2000 Edition. In addition, devices having an atmospheric port or discharge shall be installed such that the port or discharge point is located at least 24 inches above the highest flood level which may have occurred in the previous ten-year period.
- (7) The customer shall install only backflow prevention devices or methods approved by the water purveyor.
- (8) Any customer having a private well, auxiliary water supply or other private water source must have a permit if the well, auxiliary water supply or source is cross-connected to the water purveyor's system, permission to cross-connect may be denied by the water purveyor. The customer may be required to install a backflow prevention device or method at the service entrance if a private water source is maintained, even if it is not cross-connected to the water purveyor's system.
- (9) In the event the customer installs plumbing to provide potable water for domestic purposes which is on the water purveyor's side of the backflow prevention device or method, such plumbing must have its own backflow preventer installed.
- (10) The customer shall be responsible for the payment of a fifty dollar (\$50.00) annual permit fee, annual or semi-annual device or method testing, re-testing in the case that the device or method fails to operate correctly, and second reinspections for noncompliance with the water purveyor's requirements. A reinspection fee of two hundred dollars (\$200.00) per device shall be charged each time a facility fails an inspection.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.6. - Required backflow prevention assemblies or methods for containment.

- (a) *Water service assemblies.* An air gap or an approved reduced pressure principle backflow prevention assembly is required for water services having one (1) or more potential cross-connections which the administrative authority classifies as high hazard as defined by Tables D104 and D105.
- (b) *Fire protection system assemblies.*
 - (1) All proposed installations of fire suppression systems shall be reviewed by the city fire department and the city public works department to determine the appropriate type of backflow prevention devices or methods required.
 - (2) For all proposed fire suppression systems using antifreeze, a reduced pressure principle (#10 on Table D104) backflow prevention device shall be installed at the point of entry. The customer shall provide the city with the design and chemical usage of the fire suppression system.
 - (3) All existing fire suppression systems shall meet the requirements of section 98-112 above. An inspection by a fire suppression specialist shall be done to determine whether antifreeze has been utilized in the suppression system. The inspection shall be done at the expense of the customer. If it cannot be certified that antifreeze has been used, then a backflow prevention device shall be installed as prescribed by Table D104 and as approved by the city public works department. Installation shall be at the expense of the customer. The required backflow prevention devices or methods shall be installed at the time the system is repaired or changed, or within twelve (12) months after adoption of this division, whichever occurs first.
 - (4) In the event cross-connections, such as those found in using auxiliary water supply systems or in providing other water additives such as foaming agents, are necessary for the proper operation of the fire suppression system, then an air gap or a reduced pressure principle backflow prevention device shall be installed in an approved manner.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.7. - Registration.

- (a) *Technician registration.* Any backflow prevention assembly technician licensed by the State of Louisiana must register with the administrative authority before performing work within the City of Hammond. Any licensed backflow prevention assembly technician shall include his or her state registration number on all correspondence and forms required by or associated with this division.
- (b) *General tester registration.* Any backflow prevention assembly general tester shall present a copy of his/her testing certificate from a nationally recognized backflow certification organization and shall register with the administrative authority before performing work within the City of Hammond.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.8. - Noncompliance by registered technicians or general testers.

- (a) The local registration of a technician or general tester may be revoked or suspended for a period of up to two (2) years for noncompliance with this division.
- (b) Any of the following conditions constitute noncompliance:
 - (1) Improper testing or repair of backflow prevention assemblies or methods;

- (2) Improper reporting of the results of testing or of repairs made to backflow prevention assemblies or methods;
- (3) Failure to meet registration requirements; or
- (4) Related unethical practices.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.9. - Installation of backflow prevention assemblies or methods.

- (a) The required backflow prevention assemblies or methods for containment shall be installed in the manner recommended by the manufacturer and in accord with the requirements of Section 606 of the LSPC, 2000 Edition, immediately following the meter or as close to that location as deemed practical by the administrative authority. In any case, it shall be located upstream from any branch piping. Installation at this point does not eliminate the responsibility of the customer to protect the water supply system from contamination or pollution between the backflow prevention assembly or methods and the water main.
- (b) Reduced pressure principle backflow prevention assemblies shall be installed so as to be protected from flooding. The port or discharge point shall be installed such that it is located at least twenty-four (24) inches above the highest flood level which may have occurred in the previous ten-year period.
- (c) Reduced pressure principle backflow prevention assemblies or methods shall not be installed in underground vaults or pits, unless a gravity drainage system (designed by a Louisiana registered engineer) for the particular site has been approved by the state health officer. (The intent of the exception to this section is to possibly allow below grade installations on particular sites or lots having sufficiently hilly ground at the proposed location of the device such that when the vault or pit is constructed it may be equipped with positive gravity drainage openings as to prevent any part of the device from being submerged. A recommended design standard for such an installation may be found in Sections 606.4.1 and 606.4.2 of the 1994 Standard Plumbing Code.)
- (d) All backflow prevention assemblies or methods shall be protected from freezing. Those devices used for seasonal services may be removed in lieu of being protected from freezing; however, the devices must be reinstalled and tested by a registered backflow prevention assembly technician prior to service being reactivated.
- (e) If hot water is used within the water supply system, thermal expansion shall be provided for when installing a backflow prevention assembly or method for containment in accordance with Section 613.2 of the LSPC, 2000 Edition.
- (f) Provisions shall be made to convey the discharge of water from reduced pressure principle backflow prevention assemblies or methods to a suitable drain through an air gap.
- (g) No backflow prevention assemblies or methods shall be installed in a place where they would create a safety hazard, such as, but not limited to, over an electrical panel, or above ceiling level.
- (h) If interruption of water service during testing and repair of backflow prevention assemblies or methods for containment is unacceptable to the customer, another backflow prevention assembly or method of equivalent or higher protection, sized to handle the temporary water flow needed during the time of testing or repair, shall be installed in parallel piping.
- (i) All backflow prevention assemblies or methods shall be installed so that they are accessible for testing.
- (j) All shut-off valves shall conform with the current edition of the 2000 Edition Louisiana State Plumbing Code requirements for either ball or resilient seat gate valves. Full port ball valves shall be used on assemblies installed in piping two (2) inches or smaller, and full port resilient wedge-type shut off valves on assemblies installed in piping larger than two (2) inches.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.10. - Testing of backflow prevention assemblies or methods.

- (a) Testing of backflow prevention assemblies or methods shall be performed by a backflow prevention assembly technician or by a backflow prevention assembly general tester registered with the administrative authority. The costs of tests required in the following subsections shall be borne by the customer.
- (b) Backflow prevention assemblies or methods shall be tested upon installation; when cleaned, repaired, or overhauled; when relocated; and, shall be tested and inspected at least once annually. Backflow prevention devices shall be tested in accordance with CAN/CSA Standard B64.10-1994 or ASSE Standard 5010-1998.
- (c) Backflow prevention assemblies or methods which are in place, but have been out of operation for more than three (3) months, shall be tested before being put back into operation. Backflow prevention assemblies or methods used in seasonal applications shall be tested before being put into operation each season.
- (d) Any backflow prevention assembly or method which fails a periodic test shall be repaired or replaced by a backflow prevention assembly technician when such assembly is located on private property. When such a device is located on public property, a backflow prevention assembly general tester may repair or replace the device if authorized by the water purveyor. When water service has been terminated for noncompliance, the backflow prevention assembly or method shall be repaired or replaced prior to the resumption of water service. Backflow prevention assemblies or methods shall be re-tested by a registered backflow prevention assembly technician or by a backflow prevention assembly general tester immediately after repair or replacement.
- (e) The city public works department may require backflow prevention assemblies or methods to be tested at any time in addition to the annual testing requirement.
- (f) The registered backflow prevention assembly technician or backflow prevention assembly general tester shall report the testing of backflow prevention assembly or method to the customer and to the administrative authority within fifteen (15) days of the test.
- (g) The administrative authority may require, at its own cost, additional tests of individual backflow prevention assemblies or methods as it shall deem necessary to verify test procedures and results.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.11. - Repair of backflow prevention assemblies or methods.

- (a) All repairs to backflow prevention assemblies or methods on private property shall be performed by a licensed plumber holding a special water supply protection specialist endorsement on his plumbing license, herein defined as backflow prevention assembly technician.
- (b) After obtaining approval from the water purveyor, a backflow prevention assembly general tester may perform repairs to backflow prevention assemblies or methods located on public property.
- (c) The registered backflow prevention assembly technician or backflow prevention assembly general tester shall not change the design, material, or operational characteristics of a backflow prevention assembly or method during repair or maintenance, and shall use only original manufacturer replacement parts, if available; if not available, shall use replacement parts approved by the department of inspections.
- (d) The registered backflow prevention assembly technician or backflow prevention assembly general tester shall report the repair, overhaul, or replacement of any backflow prevention assembly or method to the customer and to the city public works department on the form provided by the city public works department within fifteen (15) days of the repair.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.12. - Customer noncompliance.

The water service may be discontinued in the case of noncompliance with this division. Noncompliance includes, but is not limited to, the following:

- (1) Refusal to allow the administrative authority or water purveyor access to the property to inspect for cross-connection;
- (2) Removal of a backflow prevention assembly or method which has been required by the administrative authority;
- (3) Bypassing of a backflow prevention assembly or method which has been required by the administrative authority;
- (4) Providing inadequate backflow prevention when potential or actual cross-connections exist;
- (5) Failure to install a backflow prevention assembly or method which has been required by the administrative authority;
- (6) Failure to test and/or properly repair a backflow prevention assembly or method as required by the administrative authority; or
- (7) Failure to comply with the requirements of this division.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Sec. 32-145.13. - Penalty for violation.

Apart from any other penalties or sanctions imposed by local or state laws, any person found guilty of violating any provision of this section shall be guilty of a misdemeanor and, upon conviction thereof, shall be punished in accordance with section 1-8 of this Code. Each day that a violation is allowed to continue shall constitute a separate and distinct violation.

(Ord. No. 15-5430, C.S., § 1, 6-16-15)

Secs. 32-146—32-150. - Reserved.

ARTICLE V. - RATES AND CHARGES FOR GARBAGE, SEWER AND WATER SERVICE^[4]

Footnotes:

--- (4) ---

Cross reference— Fire protection lines, § 14-6; garbage, trash and refuse, Ch. 16; penalties for violation of this article, § 32-20.

DIVISION 1. - GENERALLY

Sec. 32-151. - Water charge.

The charge for water service by the city is based upon the following monthly rates, all minimums are based on three thousand (3,000) gallons:

Description	Rate Basis
Water, inside, standard	\$1.50 per 1,000 gallons
Water, school, unmetered	1.26 per student
Water, outside, standard	3.00 per 1,000 gallons

The rate for utility customers located outside of the corporate limits will be double the rate outlined above for "inside" customers.

There will be a three thousand gallons (3,000) per month minimum charge.

(Ord. No. 2395, C.S., § 1, 8-15-95; Ord. No. 2466, C.S., 1-7-97; Ord. No. 2562, C.S., 11-17-98; Ord. No. 2777, C.S., 4-17-01; Ord. No. 2822, C.S., Art. X, 10-16-01; Ord. No. 2868, C.S., 6-18-02; Ord. No. 2922, C.S., 12-17-02; Ord. No. 05-3950, C.S., 1-16-05; Ord. No. 08-5095, C.S., 7-15-08; Ord. No. 12-5305, 6-5-12; Ord. No. 17-5505, C.S., 4-11-17)

Cross reference— Sewer and water agreement with Southeastern Louisiana University, § 32-166.

Sec. 32-152. - Sewer charge.

The charge for sewer disposal furnished by the city is based upon water consumption and the following monthly rates, all minimums are based on three thousand (3,000) gallons:

Description	Rate Basis
Sewer, inside, standard	\$3.00 per 1,000 gallons
Sewer, school, unmetered	2.52 per student
Sewer, outside	6.00 per 1,000 gallons

- (1) Maximum sewer charge on inside single unit residential customers forty dollars (\$40.00) per month.
- (2) Maximum sewer charge on all other customers shall not exceed one hundred twenty (120) per cent of the previous average (minimum twelve (12) months).
- (3) Water only meters will not be billed for sewer charges.

The rate for utility customers located outside of the corporate limits will be double the rate outlined above for "inside" customers.

(Ord. No. 2395, C.S., § 2, 8-15-95; Ord. No. 2466, C.S., 1-7-97; Ord. No. 2562, C.S., 11-17-98; Ord. No. 2777, C.S., 4-17-01; Ord. No. 2822, C.S., Art. X, 10-16-01; Ord. No. 2868, C.S., 6-18-02; Ord. No. 2922, C.S., 12-17-02; Ord. No. 3950, C.S., 1-16-05; Ord. No. 08-5095, C.S. 7-15-08; Ord. No. 12-5305, 6-5-12; Ord. No. 17-5505, C.S., 4-11-17)

Cross reference— Sewer and water agreement with Southeastern Louisiana University, § 32-166.

Sec. 32-153. - Garbage charges.

The cost of garbage service furnished by the city is based upon the following monthly rates:

Garbage, inside, hand pickup \$10.34 per unit

Rates are double for customers outside the city limits.

(Ord. No. 2395, C.S., § 3, 8-15-95; Ord. No. 2562, C.S., 11-17-98; Ord. No. 2544, C.S., § 1, 7-7-98; Ord. No. 2562, C.S., 11-17-98; Ord. No. 2670[A], C.S., 2-28-00; Ord. No. 2757, C.S., 4-17-01)

Sec. 32-154. - Service deposit fee.

A refundable deposit will be charged to all customers upon application for service to the city. This deposit is used to guarantee payment should the applicant fail to pay his bill. Should customer request discontinuation of services, this deposit will be refunded less any outstanding balance. The amount of deposit will be based upon meter size.

Meter Size (in inches)	Single unit Residential	All Others
No meter	\$ 75.00	\$150.00
$\frac{3}{4}$	75.00	150.00
1	100.00	200.00
2	200.00	400.00
3	300.00	600.00
4	400.00	800.00

No deposit will be required for a second "water only" meter installed at the same customer location in the same name.

Deposits are double for customers outside the city limits.

(Ord. No. 2395, C.S., § 4, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 4, 10-16-01)

Sec. 32-155. - Water tap fee.

A water tap fee will be charged all customers where service has never been supplied before that requires the city to tap into the water main. The amount of the fee will be based upon the size of the tap as follows plus an additional four dollars (\$4.00) per foot for boring street if necessary.

Tap Size (in inches)	Fee
$\frac{3}{4}$	\$250.00
1	300.00
1½	650.00
2	800.00
Over 2	100.00
plus cost	

Rates are double for customers outside the city limits.

(Ord. No. 2395, C.S., § 5, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 5, 10-16-01)

Sec. 32-156. - Meter setting fee.

A minimum meter setting fee of \$75.00 for $\frac{3}{4}$ " line will be charged all new customers where service has never been supplied before that does not require a tap into the water main.

(Ord. No. 2395, C.S., § 6, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 6, 10-16-01)

Sec. 32-157. - Reconnection fee.

A reconnection fee of twenty-five dollars (\$25.00) will be charged all customers whose service was disconnected because of delinquency. This fee shall be paid before service is continued.

Any charges for service connection which has been disconnected previously, will be the cost of the disconnection plus an additional one hundred dollars (\$100.00) (one hundred twenty-five dollars (\$125.00) total). This is for customers who have reconnected to water after being disconnected by city.

(Ord. No. 2395, C.S., § 7, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 7, 10-16-01)

Sec. 32-158. - Transfer service fee.

A transfer service fee of twenty-five dollars (\$25.00) will be charged all customers who request service to be transferred to another location. This fee must be paid before the service is transferred.

(Ord. No. 2395, C.S., § 8, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 1, 10-16-01)

Sec. 32-159. - Disconnection of service.

The City of Hammond reserves the right to discontinue services to any customers due to excessive leaks. A reconnection fee of twenty-five dollars (\$25.00) will be charged before service is resumed.

(Ord. No. 2395, C.S., § 9, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 2, 10-16-01)

Sec. 32-160. - Sewer impact fee and tap-in fee.

A service connection (tap in fee/impact fee) shall be paid before any sewer connection work has been started. All sewer connections shall be installed at the expense of the property owner and that work shall be performed by a licensed plumber. All service lines shall meet city specifications, and shall include, in addition to required cleanouts on private property, a cleanout within one (1) foot of the street right-of-way, affording access to the segment of service line located within a city street right-of-way for all new services installed under this provision. Maintenance and repairs of sewer service lines located on private property (upstream and including the right-of-way cleanout) shall be the responsibility of the property owner. The city shall not furnish any labor or services for the connection other than an inspection. All future construction in the City of Hammond will required separate sewer service lines to the sewer main for single family residential units. The tap in/impact fee will be based on the following rates:

Residential	Commercial
\$50.00 per water closet	\$50.00 per water closet
50.00 per house trailer	50.00 per urinal 50.00 per dishwasher 50.00 per clothes washer

Inspection fee—\$15.00 per inspection

Cutting street—\$ 1.00 per sq. foot

- (1) See Ordinance No. 2206 Oak Knoll Estates for impact fee in addition to the above rates.
- (2) See Ordinance No. 2230 Professional Plaza/Club Deluxe Area for impact fee in addition to the above rates.
- (3) See Ordinance No. 2234 Flora Park/LA. 1040 for impact fee in addition to the above rates.
- (4) See Ordinance No. 2435 from J.W. Davis to Arnolds Creek for impact fee in addition to the above rates.
- (5) See Ordinance No. 2394 for Club Deluxe Road for impact fee in addition to the above rates.
- (6) See Ordinance No. 2473 Fagan Drive for impact fee in addition to the above rates.
- (7) See Ordinance No. 2495 for Rogers Rd. to Tangi Feed & Seed, Hwy 190 West and East.

(Ord. No. 2395, C.S., § 10, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 3, 10-16-01)

Editor's note— Ord. Nos. 2206, 2230, 2234, 2435, 2394, 2473, and 2495 are not set out herein but are available for inspection in the council clerk's office.

Sec. 32-161. - Person responsible for payment.

The rates and charges herein established shall be collected from the owner, occupants and/or users of the premises which shall use water, sewer or garbage service under this article, except that multi-unit complexes, on one (1) meter, which will be charged per unit and billed to the owner, not the individual occupants. All services will be billed on the utility bill that services the same accounts. If a sewer customer is not an existing water customer, the sewer fee shall be billed to the owner.

(Ord. No. 2395, C.S., § 11, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 8, 10-16-01)

Sec. 32-162. - Remedies for collection, including penalties.

Only the total due for any account shall be accepted. No partial payment shall be accepted. Said amounts shall be due by the 10th. Any amounts unpaid on the 25th will be charged a delinquent fee. If the total amount due for all services is not paid by the 20th of the following month, the supply of water to the property in question shall be cut off and not resumed until all indebtedness due for water, sewer and garbage to the property has been paid with an additional minimum service charge of twenty-five (\$25.00) for reconnection. In the event that charges of water, sewer or garbage services are not paid within sixty (60) days after rendition of the bill for such service, such charges shall be deemed and are hereby declared to be delinquent and thereafter such delinquency shall constitute a lien upon the real estate for which such service is applied, and the city clerk or other appropriate city official as designated by the mayor is hereby authorized and directed to file sworn statements showing such delinquencies in the office of the clerk of court for the Parish of Tangipahoa, State of Louisiana, and filing of such statement shall be deemed notice of the lien of such charges for such services.

(Ord. No. 2395, C.S., § 12, 8-15-95; Ord. No. 2822, C.S., Art. IX, § 9, 10-16-01)

Sec. 32-163. - Effective date.

The new water and sewerage rates will occur in January 1996.

(Ord. No. 2395, C.S., § 13, 8-15-95; Ord. No. 2412, C.S., 10-3-95)

Sec. 32-164. - Theft of utilities.

Any person or firm caught stealing city services will be prosecuted to the fullest extent of the law according to Louisiana Revised Statutes 14:67.6.

(Ord. No. 2395, C.S., § 14, 8-15-95)

Sec. 32-165. - Definitions.

- (a) *Unit*: A single-family dwelling, portable buildings, an individual apartment, a separate business entity.
- (b) *Residential*: Location where people reside on a permanent basis.
- (c) *Apartment*: A multi-family structure with more than one (1) unit on a water meter.
- (d) *Commercial*: Nonresidential.
- (e) *Student count*: Will be based on the previous year's number of student's registered each month divided by twelve (12). This count will be changed once a year in September.
- (f) *Water only meter*: Meter which is installed for the consumption of water that is not discharged into the sewer system (example: lawn sprinkler system).

(Ord. No. 2395, C.S., § 15, 8-15-95)

Sec. 32-166. - Sewer and water agreement with Southeastern Louisiana University.

- (a) The current agreement whereby the university voluntarily accepted a thirty-thousand-dollar (\$30,000.00) per year cumulative surcharge over a period of three (3) years beginning in year 2001 would be eliminated.
- (b) The city and university would jointly agree to a three-year schedule to install meters throughout the campus. The city and university would equally share the cost of meters and parts, specifically contemplating meter costs of approximately one hundred thousand dollars (\$100,000.00) and parts costs of approximately sixty-two thousand dollars (\$62,000.00). The city would install and the city and Southeastern Louisiana University jointly would share the cost of installation. The Greek Row Apartments will be metered within (30) days from July 1, 2001 and the cost will be borne solely by Southeastern Louisiana University. The implementation of the three-year schedule to install meters will begin after the university evaluates the financial feasibility of installing its own water system and sewer treatment plant. This study will be complete within (6) months.
- (c) All testing for storm water infiltration into the sanitary sewer system is to be undertaken by the city, the cost for SSES being equally shared by the city and university. Costs for corrective measures would be borne by the university.
- (d) The university would be invoiced separately for metered and unmetered usage. Southeastern Louisiana University would be given a credit each month in the future; retroactive to May, 2001, deducting from the total unmetered service invoice that sum representing any amount billed and paid for metered facilities on campus during the same period.
- (e) Charges for the unmetered invoices would be calculated based on student enrollment, but giving SLU credit for off-campus students population for the period of May 1, 2001 through April 30, 2002. This will be consistent with the current formula being used. The result would be multiplied by the per-student rate, resulting in the invoice amount each month.

(Ord. No. 01-2806, §§ 1—5, 8-21-01; ; Ord. No. 2822, C.S., Art. IX, § 9, 10-16-01)

Secs, 32-167—32-180. - Reserved.

DIVISION 2. - CALCULATION OF WATER AND SEWER RATE ADJUSTMENTS

Sec. 32-181. - Purpose.

The purpose of this division is to provide a method of calculating the requirements for minimum sewer and water rates using a formula-based system of uniform and comprehensive operating cost factors in the calculation of the water and sewer treatment rates charged to customers of the City of Hammond Water and Sewer Department. These rates shall apply to all customers that receive service. Customers outside the city limits will be subject to additional fees as approved by the council.

(Ord. No. 2822, C.S., Art. VIII, § 1, 10-16-01)

Sec. 32-182. - Determination of rates.

Formula for determining sewer and water rates: (Also see section 32-166). Following the annual independent audit of the city financial report, the independent auditor shall determine the actual cost of operation of the sewer and water department for the previous year by totaling all operating expenses. In order to calculate the water and sewer rate, the independent auditor shall add to that figure any anticipated (budgeted) increases in the cost of operation, the scheduled amount of upcoming annual bond principal and interest payments, required bond reserve payments, and a contingency fee (not to exceed ten (10) per cent), plus unfunded mandated expenses that were incurred in the preceding year, and the additional depreciation of all proposed (budgeted) capital outlay projects for the water and sewer department for the upcoming year. That shall be divided by the total number of gallons sold to customers of record as of the end of the fiscal year in order to determine the minimum rate per gallon for providing water and for the calculation of the sewer treatment fee. The independent auditor shall, using generally accepted governmental accounting principles, report to the council and the administration, in writing and not later than ninety (90) days following the audit, what the monthly rate will be for the upcoming year. This rate formula should at a minimum, provide net revenues after operating expenses exclusive of depreciation and interest paid on bonded indebtedness in each year equal to one hundred thirty (130) per cent of the bond principal and interest payments in that year.

The independent auditor shall, using generally accepted governmental accounting principles, report to the council and the administration, in writing and not later than thirty (30) days following the audit, what the monthly rate will be for the upcoming year.

(Ord. No. 2822, C.S., Art. VIII, § 2, 10-16-01)

Sec. 32-183. - Implementation of rate changes.

Water and sewer rate changes, if required, shall be implemented on the first day of January, following the acceptance of the annual audit, unless the calculations indicate there will be a reduction in those rates, at which time the rate reduction shall be implemented at the beginning of the next billing cycle following final acceptance of the annual audit report. Water and sewer rates shall not be changed more than once in any fiscal year.

(Ord. No. 2822, C.S., Art. VIII, § 3, 10-16-01)

Sec. 32-184. - Limit of the amount of rate increase.

Once the deficit in unreserved retained earnings is eliminated and there is a surplus in unreserved retained earnings or more of the budgeted "grand total," the annual rate of increase shall in no case exceed the annual projected costs of operation and all its associated costs or the one hundred thirty (130)

per cent net revenues over bond principal and interest payments, whichever is higher, for the year without prior approval of the city council.

(Ord. No. 2822, C.S., Art. VIII, § 4, 10-16-01)

Sec. 32-185. - Reduction in water and sewer rates.

When it is found by the independent auditor that the grand total for the audited cost of operation of the sewer and water department for the previous year is less than total revenues collected, and there is a surplus in unreserved retained earnings of ten (10) per cent or more of the budgeted grand total and the one hundred thirty (130) per cent of net revenues over bond principal and interest payments for the year, as computed in the formula for determining sewer and water rates outlined above, then the amount of excess surplus shall be deducted from the following year's projected cost of operation, which shall thereby reduce or minimize any subsequent rate increase. If there is an unreserved retained earnings surplus and that surplus is identified following the audited cost of operation for the prior year, and is in excess of ten percent (10%) or more than the actual audited cost of operation, then a utility rate reduction for water and sewer shall be made. The reduction shall reflect the actual audited cost of operations for the prior year. Such reduction shall be implemented at the first billing cycle following final acceptance of the audit report.

(Ord. No. 2822, C.S., Art. VIII, § 5, 10-16-01)

Sec. 32-186. - Rate changes for schools and Southeastern Louisiana University.

The unmetered "per student" rate for schools and Southeastern Louisiana University shall be increased or decreased at the same percentage rate of increase or decrease of other city customers following the annual calculation of water and sewer rates. Any new rate shall go into effect at the same time as other rate changes for other city customers as outlined above.

(Ord. No. 2822, C.S., Art. VIII, § 6, 10-16-01)

Sec. 32-187. - Existing contracts.

All contracts and agreements relative to special rates currently in force at the adoption of this article shall remain in effect for the contract term.

(Ord. No. 2822, C.S., Art. VIII, § 7, 10-16-01)

Sec. 32-188. - Ability to contract.

Nothing in this article shall prohibit the mayor or director of administration for the City of Hammond, with approval of the city council, from entering into a contract that authorizes special rates for limited time periods to a customer when it has been determined that by offering such an economic incentive it is in the best interest of the city due to anticipated economic benefits for the city.

(Ord. No. 2822, C.S., Art. VIII, § 8, 10-16-01)

Sec. 32-189. - Annexation policy for use of public city utilities.

Water and sewer customers whose places of service are located outside of the corporate limits of Hammond will be charged no less than double the "inside" water and sewer rates until such time as these customers are actually annexed by the city (not only agreeing to be annexed) as indicated by the